



भारत सरकार
विद्युत मंत्रालय

GOVERNMENT OF INDIA
MINISTRY OF POWER

**MONTHLY REPORT ON BROAD STATUS OF
THERMAL POWER PROJECTS IN THE COUNTRY**

May 2011



ताप विद्युत परियोजना प्रबोधन प्रभाग
केन्द्रीय विद्युत प्राधिकरण
नई दिल्ली

**THERMAL PROJECT MONITORING DIVISION
CENTRAL ELECTRICITY AUTHORITY
NEW DELHI**

FOREWORD

As per clause 73(f) of Electricity Act 2003, Central Electricity Authority is to “promote and assist in the timely completion of schemes and projects”. The Thermal Project Monitoring (TPM) Division of CEA is entrusted with the responsibility of monitoring the progress of construction/erection activities of all the thermal power projects in the country till the units are commissioned. Visits are also made by CEA officers to the sites for assessing the on-spot progress of works and rendering the advice/assistance in solving the problems being faced by the project authorities, thereby helping the project authorities in avoiding/minimizing the time and cost overruns of the thermal power projects.

In this context, Thermal Project Monitoring Division, Central Electricity Authority has been bringing out monthly report entitled “Broad Status of Thermal Power Projects in the Country”. This report covers up-to-date information in respect of 11th plan thermal power projects under execution in the country. The report gives the details of the milestones achieved as on date, along with the name, capacity, location, implementing agency, commissioning schedule, type of fuel, construction agency, estimated cost besides highlighting critical issues requiring immediate attention of concerned authorities in the implementation of thermal power projects in the country.

The Broad Status Report is being brought out regularly by this division on the basis of data forwarded by various project authorities, visits made by CEA Engineers to various power projects, holding discussions with the executing agencies and suppliers of equipments from time to time.

We welcome feedback for further improvement in the Broad Status Report.

New Delhi
Dated the 13th May, 2011

(A. K. Gupta)
Chief Engineer (TPM)

Disclaimer

This report, based on the details received from various project authorities & other organizations / agencies associated with the project, is for information and non-commercial use only. CEA is not responsible for the contents or reliability of other websites to which CEA provides a link and do not necessarily endorse the views expressed by them.

1.0 11TH PLAN CAPACITY ADDITION PROGRAMME

1.1 TOTAL CAPACITY ADDITION (MW) PROGRAMME DURING 11TH PLAN (AS PER ORIGINAL TARGET) (MW)

Thermal	59693
Hydro	15627
nuclear	3380
Total	78700

1.2 TOTAL CAPACITY ADDITION (MW) PROGRAMME DURING 11TH PLAN (AS PER MID TERM TARGET) (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	15970.0	2922	3380	22272.0
STATE	18501.1	2854	0	21355.1
PRIVATE	16285.5	2461	0	18746.5
TOTAL	50756.6	8237	3380	62373.6

1.3 TOTAL CAPACITY COMMISSIONED DURING 2007-08 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	1990	1030	220	3240
STATE	3880	1393	-	5273
PRIVATE	750	-	-	750
TOTAL	6620	2423	220	9263

1.4 TOTAL CAPACITY COMMISSIONED DURING 2008-09 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	750	-	-	750
STATE	852.2	969	-	1821.2
PRIVATE	882.5	-	-	882.5
TOTAL	2484.7	969	-	3453.7

1.5 TOTAL CAPACITY COMMISSIONED DURING 2009-10 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	1740		440	2180
STATE	3079	39		3118
PRIVATE	4287	-	-	4287
TOTAL	9106	39	440	9585

1.6 TOTAL CAPACITY COMMISSIONED DURING 2010-11 (MW)

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	3740.0	320	220	4280.0
STATE	1981.0	178		2159.0
PRIVATE	5529.5	192	-	5721.5
TOTAL	11250.5	690	220	12160.5

1.7 THERMAL CAPACITY PROGRAMMED FOR COMMISSIONING DURING THE YEAR 2011-12

S.N o	Project Name & Unit No./Implementing Agency	Executing Agency	LOA Date	Org. Comm . Date	Cap. (MW)	Commissioning Schedule		Cap. Ach.	Remar ks
						Target	Ant. /Act(A)		
	Central Sector								
1	Sipat-I, U-1 * NTPC	Others	Apr-04	Sep-08	660	Jul-11	Jul-11		
2	Sipat-I, U-2 * NTPC	Others	Apr-04	Jul-09	660	Nov-11	Nov-11		
3	Kodrma TPP U-1# DVC	BHEL	29.06.07	Jun-10	500	Jun-11	Jun-11		
4	Durgapur Steel TPS U-1# DVC	BHEL	27.07.07	Jul-10	500	Aug-11	Aug-11		
5	Durgapur Steel TPS U-2# DVC	BHEL	27.07.07	Oct-10	500	Jan-12	Jan-12		
6	Neyveli TPS-II Exp. U-1# NLC	BHEL	19.08.05	Feb-09	250	Oct-11	Oct-11		
7	Indira Gandhi TPP U-2 APCPL	BHEL	07.06.07	Jun-11	500	Nov-11	Nov-11		
	Total of Central Sector				3570			0	
	State Sector								
8	Khaperkheda TPS Expn. U- 5# MSPGCL	BHEL	01.01.07	Jun-10	500	Jun-11	Jun-11		
9	Santalidih TPP Extn Ph-II U- 6# WBPDCCL	BHEL	23.03.07	Aug-09	250	Jul-11	Jul-11		
10	Bhusawal TPS Expn. U-4# MSPGCL	BHEL	23.01.07	Sep-10	500	Jul-11	Jul-11		
11	Bhusawal TPS Expn. U-5 MSPGCL	BHEL	23.01.07	Jan-11	500	Jan-12	Jan-12		
12	Kothagudem TPP -VI U-1 APGENCO	BHEL	22.02.07	May- 10	500	Jun-11	Jun-11		
13	Pragati CCGT - III ST-1# PPCL	BHEL	30.05.08	Jul-10	250	Oct-11	Oct-11		
14	Pragati CCGT - III GT-3# PPCL	BHEL	30.05.08	Jul-10	250	Sep-11	Sep-11		
15	Harduaganj Ext. U-8# UPRVUNL	BHEL	28.06.06	Aug-09	250	Sep-11	Sep-11		
16	Harduaganj Ext. U-9# UPRVUNL	BHEL	28.06.06	Dec-09	250	Feb-12	Feb-12		
17	Hazira CCPP Extn. GT+ST # GSECL	BHEL	01.01.08	Mar-10	351	Aug-11	Aug-11		
18	Bellary TPP St-II U-2 KPCL	BHEL	31.08.06	Jan-11	500	Nov-11	Nov-11		
	Total of State Sector				4101			0	
	Private Sector								
19	JSW Ratnagiri TPP U-3# JSW Energy(Ratnagiri) Ltd	Chinese	05.10.07	Jul-10	300	May-11	06.05.11(A)	300	
20	JSW Ratnagiri TPP U-4# JSW Energy(Ratnagiri) Ltd	Chinese	05.10.07	Sep-10	300	Oct-11	Oct-11		
21	Anpara-C TPS U-1# Lanco Anpara Power Pvt. Ltd.	Chinese	15.11.07	Jun-11	600	Jul-11	Jul-11		
22	Anpara-C TPS U-2 Lanco Anpara Power Pvt. Ltd.	Chinese	15.11.07	May- 11	600	Oct-11	Oct-11		
23	Maithon RB TPP U-1# DVC- JV Tata	BHEL	25.10.07	Oct-10	525	Jun-11	Jun-11		
24	Maithon RB TPP U-2 MPL JV of DVC and Tata Power	BHEL	25.10.07	Apr-11	525	Jan-12	Jan-12		
25	Udupi TPP U-2# NPCL	Chinese	24.12.06	Dec-06	600	Apr-11	17.04.11(A)	600	

26	Wardha Warora U-4 @ M/s Wardha Power Co.Pvt. Ltd (KSK)	Chinese	15.05.07	Sep-10	135	Apr-11	30.04.11(A)	135	
27	Jallipa- Kapurdi TPP U-3# Raj west power Ltd	Chinese	Mar-07	Mar-10	135	Aug-11	Aug-11		
28	Mundra TPP Ph-II U-2 Adani Power Ltd	Chinese	09.06.07	Aug-11	660	Aug-11	Aug-11		
29	Mundra Ultra Mega TPP U-1 Tata Power Co.	Others	12.01.06	May-11	800	Aug-11	Aug-11		
30	Tirora TPP Ph-I U-1 Adani Power Ltd	Chinese	Feb-08	Apr-11	660	Jan-12	Jan-12		
31	Sterlite (Jharsugda) U-3	Chinese	10.05.06	Jul-09	600	Oct-11	Oct-11		
Total of Private Sector					6440			1035	
Total 2011-12					14111			1035	
Note : * 11Plan Best Effort Units									
@ - Additional Units not included in 11th Plan Target									
#- Units slipped from 2010-11 Target									

1.8 THERMAL CAPACITY ACTUALLY ACHIEVED/UNDER CONSTRUCTION DURING THE PLAN AS ON DATE (MW)

Sl	Target year	Thermal	Nuclear
(i)	Capacity achieved during 2007-08	6620	220
(ii)	Capacity achieved during 2008-09	2484.7	-
(iii)	Capacity achieved during 2009-10	9106	440
(iv)	Capacity achieved during 2010-11	11250.5	220
	Target Capacity achieved upto 2010-11	29461.2	880
	Capacity achieved during 2011-12	1035	-
	Total Capacity achieved till date	30496.2	880
(vi)	Capacity under construction for 11 th Plan	21006.7	2500
	Total	51502.9	3380

* - It includes an additional Capacity of 746 MW not included in 11th plan MTA Target.

1.9 CAPACITY UNDER CONSTRUCTION BALANCE PERIOD OF 11th PLAN.

SECTOR	THERMAL	HYDRO	NUCLEAR	TOTAL
CENTRAL	7750.0	1572	2500	11822
STATE	8130.2	275	0	8405.2
PRIVATE	5156.5	2269	0	7425.5
TOTAL	21036.7	4116	2500	27652.7

1.10 NUCLEAR THERMAL POWER STATIONS UNDER CONSTRUCTION/ COMMISSIONED IN THE COUNTRY DURING 11TH PLAN

S. No.	Project Name/ Unit No.	State	Capacity (MW)	Comm. Schedule Actual (A)/ Ant.
1	Kaiga APP U-3	Karnataka	220	11.04.07(A)
2	Rajasthan APP U-5	Rajasthan	220	04.02.10(A)
3	Kaiga APP U-4	Karnataka	220	20.01.11(A)
4	Kudankulam APP U-1	TN	1000	03/12
5	Rajasthan APP U-6	Rajasthan	220	31.03.10(A)
6	Kudankulam APP U-2	TN	1000	03/12
7	Kalpakkam	TN	500	03/12
Total			3380	

2.0 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2007-2008

SI No	Project Name	State/ Imple. Agency	Unit. NO	Target Cap. In MW	Comm. Schedule at the beginning of year	Actual date of Comm.	Ach. Cap. Added (MW)
A	CENTRAL SECTOR						
1	Bhilai TPP	Chhattisgarh / NTPC & SAIL JV	U-1 U-2	250 250	10/2007 01/2008	Slipped	
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	03/2008	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-4 U-5	500 500	04/2007 09/2007	27/05/07(A) U-5 Slipped	500
4	Kahalgao STPS-II (Ph-I & II)	Bihar/NTPC	U -6 U -7	500 500	08/2007 09/2007	16.03.08(A) U-7 slipped	500
5	Ratnagiri Gas Power Project	Mah. /Ratnagiri Gas & Power Pvt. Ltd.	Block-3	740	08/2007	28.10.07(A)	740
6.	Mejia TPS	West Bengal/DVC	U-6	250	07/2007	01.10..07(A)	250
7.	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	10/2007 01/2008	Project Slipped	
	Sub Total (A)			4650			1990
B	STATE SECTOR						
1.	GHT (Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-3 U-4	250 250	07/2007 09/2007	03.01.08(A) U-4 Slipped	250
2.	Dholpur CCPP (Ph-I)	Rajasthan /RRVUNL	GT-2 ST	110 110	05/2007 10/2007	16/06/07(A) 27.12.07(A)	110 110
3	Korba East TPP St-V	Chhattis./ CSEB	U-2	250	07/2007	11.12.07(A)	250
4	Dhuvaran CCPP Extn.	Gujarat/GSECL	ST	40	06/2007	13.08.07(A)	40
5	Kutch Lignite Extn	Gujarat/GSECL	U-4	75	09/2007	Slipped	
6	Rayalaseema TPS-II	AP/APGENCO	U-4	210	07/2007	20.11.07(A)	210
7	Bellary TPP	Karnataka/ KPCL	U-1	500	05/2007	03.12.07(A)	500
8	Santalidih TPP	WB / WBPDCL	U-5	250	08/2007	07.11.07(A)	250
9	Sagardighi TPP	WB / WBPDCL	U-1 U-2	300 300	06/2007 08/2007	21.12.07(A) U-2 Slipped	300
10	Bakreshwar TPS-II	WB / WBPDCL	U-4 U-5	210 210	08/2007 10/2007	23.12.07(A) U-5 Slipped	210
11	Yamuna Nagar TPP	Haryana/HPGCL	U-1 U-2	300 300	10/2007 01/2008	13.11.07(A) 29.03.08(A)	300 300
12	AmarkantakTPS Extn.	MP/ MPPGCL	U-5	210	09/2007	Slipped	
13	Valuthur CCPP Extn.	TN/TNEB	GT ST	60 32.2	11/2007 02/2008	Slipped	
14	Durgapur TPS Extn.	WB/DPL	U-7	300	05/2007	24.11.07(A)	300
15	Sanjay Gandhi TPP Extn. St.III (Birsinghpur)	MP/MPPGCL	U-5	500	05/2007	18.06.07(A)	500
16	Paras TPS Extn	Maharastra/MSPGCL	U-1	250	05/2007	31.05.07(A)	250
	Sub Total (B)			5017.2			3880
C	Private Sector						
1.	OP Jindal (Raigarh)TPP Ph.I & II	Chhattis./Jindal Power	U-1 U-2 U-3 U-4	250 250 250 250	07/2007 10/2007 12/2007 03/2008	02.09.07(A) 06.03.08(A) 10.02.08(A) U-4 slipped	250 250 250
2.	Sugen CCPP	Gujarat /Torrent Power Gen. Ltd.	Block-1 Block-2 Block-3	376 376 376	07/2007 10/2007 01/2008	Slipped	
3	Gautami CCPP	AP/ Gautami Power Ltd.	GT -1 GT- 2 ST	145 145 174	08/2007	slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	12/2007	Slipped	
	Sub Total (C)			3037			750
GRAND TOTAL(A+B+C)				12704.2			6620

2.1 THERMAL UNITS TARGET & ACHIEVEMENT DURING 2008-09

Sl No	Project Name	State/ Imple. Agency	Unit. NO	Target Cap. In MW	Contractual schedule of syn.	Actual date of Comm.	Ach. Cap. Added (MW)
A	CENTRAL SECTOR						
1	Bhilai Extn. TPP	Chhattisgarh / NSPCL (NTPC & SAIL JV)	U-1 U-2	250 250	02/2008 08/2008	20.04.08(A) Slipped	250
2	Sipat STPS-I	Chhattis/ NTPC	U-1	660	04/2008	Slipped	
3	Sipat STPS-II	Chhattis/ NTPC	U-5	500	12/2007	27.12.08(A)	500
4	Kahalgaon STPS-II (Ph-I & II)	Bihar/ NTPC	U -7	500	03/2007	Slipped	
5	Chandrapura TPS Extn	Jharkhand / DVC	U- 7 U- 8	250 250	11/2006 01/2008	Slipped	
6	Barsingsar Lignit	Rajasthan/ NLC	U-1 U-2	125 125	08/2008 03/2009	Slipped	
	Sub Total (A)			2910			750
B	STATE SECTOR						
1.	GHTP(Lehra Mohabbat)TPS-II	Punjab/ PSEB	U-4	250	01/2008	31.07.08(A)	250
2	Kutch Lignite Extn	Gujarat/ GSECL	U-4	75	07/2007	Slipped	
3	Sagardighi TPP	WB / WBPDC	U-2	300	04/2007	20.07.08(A)	300
4	Bakreshwar TPS-II	WB / WBPDC	U-5	210	06/2007	Slipped	
5	Valuthur CCPP Extn.	TN/TNEB	GT ST	59.8 32.4	11/2007 02/2008	06.05.08(A) 16.02.09(A)	59.8 32.4
6	Amarkantak TPS Extn.	MP/ MPPGCL	U-5	210	02/2007	15.06.08(A)	210
7	Giral Lignite- II	Rajasthan/ RRVUNL	U-2	125	06/2008	Slipped	
8	Chhabra TPS	Rajasthan/ RRVUNL	U-1 U-2	250 250	09/2008 12/2008	Slipped	
9	Surat Lignite TPP Extn.	Gujarat/ GIPCL	U-3 U-4	125 125	09/2008 01/2009	Slipped	
10	Kota TPP	Rajasthan/ RRVUNL	U-7	195	11/2008	Slipped	
11	Suratgarh TPP –IV	Rajasthan/ RRVUNL	U-6	250	09/2008	Slipped	
12	Vijaywada TPP –IV	AP/ APGENCO	U-1	500	08/2008	Slipped	
	Sub Total (B)			2957.2			852.2
C	Private Sector						
1	OP Jindal (Raigarh)TPP Ph.I & II	Chhattis./Jindal Power	U-4	250	12/2007	17.06.08(A)	250
2.	Sugen CCPP *	Gujarat /Torrent Power Gen. Ltd.	Block-1 Block-2 Block-3	376 376 376	09/2007 12/2007 02/2008	04.02.09 (A) Slipped Slipped	382.5
3	Gautami CCPP	AP/ Gautami Power Ltd	GT -1 GT- 2 ST	145 145 174	02/2006 02/2006 07/2006	Slipped	
4	Konaseema CCPP	AP/Konaseema EPS	GT-1 GT-2 ST	140 140 165	09/2005 12/2005 03/2006	Slipped	
5	Pathadi TPS Ph-I (Lanco - Amarkantak Mega TPP)	Chattisgarh/ Lanco Amarkantak Power Pvt. Ltd.	U-1	300	06/2008	Slipped	
6	Trombay TPS Extn.	Maharashtra/ Tata Power Co	U-8	250	08/2008	26.03.09(A)	250
7	Torangallu Extn.	Karnataka/ JSW Energy Ltd	U-1 U-2	300 300	07/2008 10/2008	Slipped	
	Sub Total (C)			3437			882.5
	GRAND TOTAL(A+B+C)			9304.2			2484.7

- Capacity has been revised from 376 to 382.5 MW.

2.2 THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 2009-10

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	Original Comm. Schedule	Targeted Comm. Date	Cap. (MW) Achieved/ Anticipated	Anticipated/ Actual Date of Comm.	Remarks/ Status
I	COMMISSIONING ASSURED							
A	CENTRAL SECTOR							
1	Kahalgaoon STPS-II (Ph-I & II) U-7	Bihar/ NTPC	500	07/07	06/09	500	31.07.09(A)	
2	Bhilai Extn. TPP U-2	Chhattisgarh / NSPCL (NTPC & SAIL JV)	250	10/08	06/09	250	12.07.09(A)	
3	Chandrapura TPS Extn U-7 U-8	Jharkhand / DVC	250 250	02/07 04/07	07/09 10/09	250 250	04.11.09(A) 31.03.10(A)	
4	Barsingsar Lignite U-1	Rajasthan/ NLC	125	12/08	10/09		04/2010	U-1 slipped to 2010-11
5	NCP Project St-II U-5	U.P/NTPC	490	08/10	01/10	490	29.01.10(A)	
	Sub Total (A)		1865			1740		
B	STATE SECTOR							
1	Vijaywada TPP -IV U-1	AP/ APGENCO	500	12/08	06/09	500	08.10.09(A)	
2	Kutch Lignite Extn U-4	Gujarat/ GSECL	75	10/06	05/09	75	01.10.09(A)	
3	Surat Lignite TPP Extn. U-3	Gujarat/ GIPCL	125	12/08	12/09		04/2010	U-3 slipped to 2010-11
4	Utran CCPP Extn GT ST	Gujarat/ GSECL	240 134	06/09 08/09	09/09 09/09	240 134	08.08.09(A) 10.10.09(A)	
5	Rajiv Gandhi TPS, Hissar U-1	Haryana/ HPGCL	600	12/09	12/09	600	Commissioned	
6	New Parli TPP U-2	Maharashtra/MSPGC L	250	07/09	10/09	250	10.02.10(A)	
7	Paras TPS Extn. U-2	Maharashtra/MSPGC L	250	09/09	01/10	250	27.03.10(A)	
8	Chhabra TPS U-1	Rajasthan/RRVUNL	250	11/08	07/09	250	30.10.09(A)	
9	Giral Lignite- II U-2	Rajasthan/RRVUNL	125	08/08	05/09	125	06.11.09(A)	
10	Kota TPP U-7	Rajasthan/RRVUNL	195	02/09	07/09	195	31.08.09(A)	
11	Suratgarh TPP -IV U-6	Rajasthan/RRVUNL	250	11/08	06/09	250	29.08.09(A)	
12	Bakreshwar TPS-II U-5	WB / WBPCL	210	09/07	06/09	210	07.06.09(A)	
	Sub Total (B)		3204			3079		
C	PRIVATE SECTOR							
1	Gautami CCPP GT -1 GT- 2 ST	AP/ Gautami Power Ltd.	145 145 174	03/06	06/09	145 145 174	03.05.09(A)	
2	Konaseema CCPP GT-1 GT-2 ST	AP/Konaseema Gas Power Ltd.	140 140 165	03/06	07/09	140 140 -----	05/09(A) 05/09(A) 04/2010	ST : Slipping to 2010-11
3	Lanco Kondapalli Ext. Ph-II GT ST	AP/Lanco Konapalli	233 133	12/09 12/09	12/09 12/09	233 -----	07.12.09(A) 05/2010	ST : Slipping to 2010-11
4	Lanco Amarkantak TPS (Pathadi) U-1 U-2	Chhattisgarh /L.A.P. Pvt.Ltd	300 300	03/09 07/09	06/09 12/09	300 300	04.06.09(A) 25.03.10(A)	

Sl No	Project Name/ Unit No.	State/ Impl. Agency	Targeted Cap. (MW)	Original Comm. Schedule	Targeted Comm. Date	Cap. (MW) Achieved	Anticipated/A ctual Date of Comm.	Remarks/ Status
5	Mundra TPP Ph-1 U-1 U-2	Gujarat/ Adani Power Ltd	330 330	07/09 10/09	08/09 10/09	330 330	04.08.09(A) 17.03.10(A)	
6.	Sugen CCPP Block-2 Block-3	Gujarat /Torrent Power Gen. Ltd.	382.5 382.5	- 02/08	05/09 06/09	382.5 382.5	07.05.09(A) 08.06.09(A)	
7	Torangallu Extn. U-1 U-2	Karnataka/ JSW Energy Ltd	300 300	- 01/09	04/09 12/09	300 300	27.04.09(A) 24.08.09(A)	
8	Sterlite TPP U-1	Orissa/ Sterlite Energy Ltd.	600	07/09	12/09	1577	04/2010	Slipping to 2010-11
9	Jallipa-Kapurdi TPP U-1 U-2 U-3 U-4	Rajasthan/ Raj West Power Ltd (JSW)	135 135 135 135	09/09 01/10 03/10 05/10	06/09 09/09 11/09 12/09	135 ----- ----- -----	16.10.09(A) 04/2010 05/2010 07/2010	U-2,U-3 & U- 4 Slipping to 2010-11
10	Budge- Budge-III U-3	WB/ CESC	250	07/09	08/09	250	29.09.09(A)	
	Sub Total (C)		5290			3987/		
	TOTAL ASSURED (A+B+C)		10359			7956/ 9056		
II	COMMISSIONING WITH EFFORTS							
A	CENTRAL SECTOR							
1	Barsingsar Lignite U-2	Rajasthan/ NLC	125	06/09	01/10	----	05/2010	Slipping to 2010-11
2	Mejia Extn. U-1	W.B/DVC	500	02/2010	02/10	----	07/10	Slipping to 2010-11
	Sub Total (A)		625			----/-----		
B	STATE SECTOR							
1	Kakatiya TPP U-1	AP/ APGENCO	500	05/09	03/10	-----	05/2010	Slipping to 2010-11
2	Surat Lignite TPP Extn. U-4	Gujarat/ GIPCL	125	04/09	03/10		04/2010	Slipping to 2010-11
3	Rajiv Gandhi TPS, Hissar U-2	Haryana/ HPGCL	600	03/10	03/10	-----	07/2010	Slipping to 2010-11
4	Chhabra TPS U-2	Rajasthan/ RRVUNL	250	02/09	03/10		05/2010	Slipping to 2010-11
	Sub Total (B)		1475			----/----		
C	PRIVATE SECTOR							
1	Rithala CCPP GT1	Delhi/ NDPL	35.75	07/09	01/10	-----	05/2010	Slipping to 2010-11
	GT2	Delhi/ NDPL	35.75	07/09	01/10	-----	06/2010	Slipping to 2010-11
	ST	Delhi/ NDPL	36.50	07/09	01/10	-----	07/2010	Slipping to 2010-11
2	Jallipa-Kapurdi TPP U-5	Rajasthan/ Raj West Power Ltd (JSW)	135	07/10	02/10	-----	09/2010	Slipping to 2010-11
3	Rosa TPP Ph-I U-1	UP/ Rosa Power supply Co. Ltd. (Reliance Energy)	300	03/10	03/10	300	10.02.2010(A)	
	Sub Total (C)		543			300		
TOTAL COMMISSIONING WITH EFFORTS (A+B+C)			2643			300		
TOTAL (ASSURED+ WITH EFFORTS)			13002			9106		

2.3 THERMAL UNITS PROGRAMMED FOR COMMISSIONING DURING 2010-11

State	Project Name	Impl Agency	Unit No	LOA Date	BTG Supplier	Targeted Cap. (MW)	As per the meeting in Jan.,10	Commnd. Cap. (MW)	Actual/ Ant Comm. Date
CENTRAL SECTOR									
Rajasthan	Barsingsar Lignite	NLC	U-2	29.12.05	BHEL	125	Jun-10	125	25.01.11(A)
			U-1		BHEL	*	Mar-10	125	28.06.10(A)
Haryana	Indira Gandhi TPP	APCPL	U-1	07.06.07	BHEL	500	Sep-10	500	31.10.10(A)
UP	NCP Project St-II,	NTPC	U-6	19.12.06	BHEL	490	Jul-10	490	30.07.10(A)
WB	Mejia TPS Extn	DVC	U-1	12.12.06	BHEL	500	Jun-10	500	30.09.10(A)
			U-2		BHEL	500	Aug-10	500	26.03.11(A)
	Durgapur Steel TPS	DVC	U-1	27.07.07	BHEL	500	Sep-10		Slipped
			U-2		BHEL	500	Feb-11		Slipped
	Farakka STPS- III	NTPC	U-6	30.10.06	BHEL	500	Feb-11	500	23.03.11(A)
Chhattisgarh	Korba STPP	NTPC	U-7	24.03.06	BHEL	500	Oct-10	500	26.12.10(A)
Jharkhand	Kodarma TPP	DVC	U-1	29.06.07	BHEL	500	Sep-10		Slipped
TN	Neyveli TPS-II Exp.	NLC	U-1	19.08.05	BHEL	250	Nov-10		Slipped
AP	Simhadri STPP Extn.	NTPC	U-3	26.03.07	BHEL	500	Jan-11	500	31.03.11(A)
Jharkhand	Maithon RB TPP	DVC	U-1	25.10.07	BHEL	525			Slipped
			Total Central			5890		3740	
STATE SECTOR									
Delhi	Pragati CCGT - III	PPCL	GT-1	30.05.07	BHEL	250	Apr-10	250	24.10.10(A)
			GT2		BHEL	250	Jun-10	250	16.02.11(A)
			GT-3		BHEL	250	Aug-10		Slipped
			ST-1		BHEL	250	Aug-10		Slipped
			GT-4		BHEL	250	Sep-10		Slipped
			ST-2		BHEL	250	Dec-10		Slipped
Gujarat	Surat Lignite TPP Extn.	GIPCL	U-3*	31.03.06	BHEL	*	Mar-10	125	12.04.10(A)
			U-4 *		BHEL	*	Mar-10	125	23.04.10(A)
	Hazira CCGP Extn.	GSECL	GT	01.01.08	BHEL	223	Dec-10		Slipped
			ST		BHEL	128	Dec-10		Slipped
	Pipavav CCGP	GSECL	Block-1	03.03.08	BHEL	351			Slipped
Haryana	Rajiv Gandhi TPS,Hissar	HPGCL	U-2	29.01.07	Chinese	600	Apr-10	600	01.10.10(A)
Karnataka	Raichur U-8	KPCL	U-8	03.03.07	BHEL	250	May-10	250	26.06.10(A)
Rajasthan	Chhabra TPS	RRVUNL	U-2 *	03.03.06	BHEL	*	Mar-10	250	04.05.10(A)
AP	Kakatiya TPP	APGENCO	U-1	27.07.06	BHEL	500	Jun-10	500	27.05.10(A)
	Rayalseema TPP St-III	APGENCO	U-5	06.02.07	BHEL	210	Nov-10	210	31.12.10(A)
UP	Parichha Extn	UPRVUNL	U-5	28.06.06	BHEL	250	Jul-10		Slipped
			U-6		BHEL	250	Dec-10		Slipped
	Harduaganj Ext	UPRVUNL	U-8	28.06.06	BHEL	250	Dec-10		Slipped
			U-9		BHEL	250	Jan-11		Slipped
Maharashtra	Khaperkheda TPS Expn.	MSPGCL	U-1	01.01.07	BHEL	500	Sep-10		Slipped
	Bhusawal TPS Expn.	MSPGCL	U-4	23.01.07	BHEL	500	Feb-11		Slipped
WB	Santalidih TPP Extn Ph-II	WBPCL	U-6	23.03.07	BHEL	250	Sep-10		Slipped

State	Project Name	Impl Agency	Unit No	LOA Date	BTG Supplier	Targeted Cap. (MW)	As per the meeting in Jan., 10	Commnd. Cap. (MW)	Actual/ Ant Comm. Date
Tripura	Baramura GT Extn.	TSECL	U-5*		BHEL	*		21	03.08.10(A)
			Total -State			6012		2581	
PRIVATE SECTOR									
AP	Konaseema CCPP	Konaseema gas Power Ltd.	ST	15.03.01	Others	165	Apr-10	165	30.06.10(A)
	Lanco Kondapalli Ph-II (ST)	Lanco Kondapalli	ST		Chinese	133	May-10	133	19.07.10(A)
Delhi	Rithala CCPP	NDPL	GT-1		Others	35.75	May-10	35.75	09.12.10(A)
			GT-2		Others	35.75	May-10	35.75	04.10.10(A)
			ST		Others	36.5	Jul-10		Slipped
Gujarat	Mundra TPP Ph-I(U-3&4)	Adani Power Ltd	U-3	03.01.07	Chinese	330	May-10	330	02.08.10(A)
			U-4		Chinese	330	Jun-10	330	20.12.10(A)
	Mundra TPP Ph-II(U-5)		U-5*		Chinese	*		660	26.12.10(A)
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	U-1	05.10.07	Chinese	300	Apr-10	300	24.08.10(A)
			U-2		Chinese	300		300	09.12.10(A)
			U-3		Chinese	300			Slipped
			U-4		Chinese	300			Slipped
	Wardha Warora	WPCL (KSK)	U-1	15.05.07	Chinese	*	-	135	05.06.10(A)
			U-2	15.05.07	Chinese	*	-	135	10.10.10(A)
			U-3	15.05.07	Chinese	*	-	135	13.01.11(A)
Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-2(Ist Unit)	10.05.06	Chinese	600	May-10	600	14.10.10(A)
			U-1		Chinese	600	Aug-10	600	29.12.10(A)
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-2	March.07	Chinese	135		135	08.07.10(A)
			U-3		Chinese	135			Slipped
			U-4		Chinese	135			Slipped
			U-5		Chinese	135			Slipped
			U-6		Chinese	135			Slipped
			U-8		Chinese	135			Slipped
UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	U-1	15.11.07	Chinese	600	Jan-11		Slipped
	Rosa TPP Ph-1	R. P.S Co.Ltd (Reliance)	U-2	06.03.07	Chinese	*	Mar-10	300	28.06.10(A)
Karnataka	Udupi TPP	UPCL	U-1	24.12.06	Chinese	507.5	Jul-10	600	23.07.10(A)
			U-2		Chinese	507.5	Nov-10		Slipped
			Total -Private			5891		4929.5	
		Total for the year 2010-11				17793		11250.5	

Note - * Additional Units not included in the targeted capacity addition for the year 2010-11

3.0 10th PLAN SUMMARY

3.1 TOTAL CAPACITY ADDITION (MW) PROGRAMMED DURING 10TH PLAN (AS PER ORIGINAL TARGET)

SECTOR	THERMAL		HYDRO		NUCLEAR		TOTAL	
	ORG. T	ACHIV.	ORG. T	ACHIV.	ORG. T	ACHIV.	ORG. T	ACHIV.
CENTRAL	12790.00	6590.00	8742.00	4495.00	1300.00	1180.00	22832.00	12265.00
STATE	6676.00	3553.64	4481.00	2691.00	0.00	0.00	11157.00	6244.64
PRIVATE	5951.00	1970.60	1170.00	700.00	0.00	0.00	7121.00	2670.60
TOTAL	25417.00	12114.24	14393.00	7886.00	1300.00	1180.00	41110.00	21180.24

3.2 YEAR-WISE THERMAL CAPACITY ADDITION (MW) INDICATING ORIGINAL TARGETS VS ACTUAL ACHIEVEMENT DURING 10TH PLAN.

Year		CENTRAL SECTOR	STATE SECTOR	PRIVATE SECTOR	TOTAL
2002-03	Original Target	920	790.1	1792*	3502.1
	Actual Achievement	1210	665.1	348	2223.1
2003-04	Original Target	500	847.5	-	1347.5
	Actual Achievement	710	651.6	-	1361.6
2004-05	Original Target	710	1395	1630.6	3735.6
	Actual Achievement	2210	653.92	70	2933.92
2005-06	Original Target	3570	885	1309	5764
	Actual Achievement	500	428	660.8	1588.8
2006-07	Original Target	7090	2758	1219	11067
	Actual Achievement	1960	1155	891.8	4006.8
Total	Original Target	12790	6675.6	5950.6	25416.2
	Actual Achievement	6590.00	3553.64	1970.60	12114.24

- Includes Dabhol CCGT Ph.-II (1444 MW)

4.0 LIST OF 11TH PLAN THERMAL POWER PROJECTS WHICH ARE UNDER CONSTRUCTION .

Sector State	Project Name	Impl. Agency	Unit No.	Cap. (MW)	Anticipated Comm. Date
<u>CENTRAL SECTOR</u>					
AP	Simhadri STPP Extn.	NTPC	U-4	500	12/2011
Assam	Bongaigaon TPP		U-1	250	07/2012
			U-2	250	11/2012
			U-3#	250	03/2013
			U-1#	660	06/2011
Chhattisgarh	Sipat-I		U-2#	660	11/2011
			U-3#	660	03/2012
			U-2	500	11/2011
Haryana	Indira Gandhi TPP	APCPL	U-3	500	05/2012
Jharkhand	Kodarma TPP	DVC	U-1	500	06/2011
			U-2	500	02/2012
			U-1	525	06/2011
	Maithon RB TPP		U-2	525	11/2011
Maharashtra	Mauda TPP	NTPC	U-1#	500	05/2012
MP	Vindhyachal TPP-IV		U-11#	500	06/2012
TN	Neyveli TPS-II Exp.	NLC	U-1	250	06/2011
			U-2	250	12/2011
	Vallur TPP Ph I	NTECL	U-1	500	02/2012
			U-2	500	05/2012
UP	Rihand TPP- III	NTPC	U-5#	500	05/2012
WB	Durgapur Steel TPS	DVC	U-1	500	06/2011
			U-2	500	11/2011
	Raghunathpur TPP, Ph-I		U-1	600	06/2012
			U-2	600	12/2012
Sub Total :				11480	
<u>STATE SECTOR</u>					
AP	Kothagudem TPP -VI	APGENCO	U-1	500	06/2011
Assam	Lakwa Waste Heat Unit	APGCL	ST	37.2	09/2011
	Namrup CCGT		GT#	70	05/2013
			ST#	30	05/2013
Delhi	Pragati CCGT - III	PPCL	GT-3	250	08/2011
			GT-4	250	02/2012
			ST-1	250	07/2011
			ST-2	250	02/2012
Gujarat	Hazira CCGP Extn.	GSECL	GT+ST	351	09/2011
	Pipavav CCGP		Block-1	351	09/2011
			Block-2	351	01/2012
	Ukai TPP Extn.		U-6	490	01/2012
Karnataka	Bellary TPP St-II	KPCL	U-2	500	11/2011
Maharashtra	Bhusawal TPS Expn.	MSPGCL	U-4	500	05/2011

<i>Sector State</i>	<i>Project Name</i>	<i>Impl. Agency</i>	<i>Unit No.</i>	<i>Cap. (MW)</i>	<i>Anticipated Comm. Date</i>
Maharashtra	Bhusawal TPS Expn.	MSPGCL	U-5	500	10/2011
	Khaperkheda TPS Expn.		U-5	500	05/2011
MP	Satpura TPP Extn	MPPGCL	U-10#	250	06/2012
TN	Mettur TPP Ext	TNEB	U-1	600	11/2011
	North Chennai Extn, U-1		U-1	600	04/2012
	North Chennai Extn, U-2		U-2	600	02/2012
UP	Anpara-D	UPRVUNL	U- 1#	500	06/2012
	Harduaganj Ext		U-8	250	08/2011
			U-9	250	12/2011
	Parichha Extn		U-5	250	05/2012
			U-6	250	08/2012
WB	Santalalih TPP Extn Ph-II	WBPCL	U-6	250	06/2011
Sub Total :				8980.2	
<u>PRIVATE SECTOR</u>					
Delhi	Rithala CCPP	NDPL	ST	36.5	06/2011
Gujarat	Mundra TPP Ph-II	Adani Power Ltd	U-2	660	08/2011
	Mundra TPP Ph-III		U-1	660	11/2011
			U-2#	660	05/2012
			U-3#	660	11/2012
	Mundra Ultra Mega TPP	Tata Power Co.	U-1	800	10/2011
			U-2#	800	03/2012
Maharashtra	JSW Ratnagiri TPP	JSW Energy(Ratnagiri) Ltd	U-4	300	09/2011
	Tirora TPP Ph-I	Adani Power Ltd	U-1	660	10/2011
			U-2#	660	05/2012
	Tirora TPP Ph-II		U-1#	660	05/2012
MP	Sasan UMPP	Reliance Power Ltd.	U-1#	660	12/2012
Orissa	Sterlite TPP	Sterlite Energy Ltd.	U-3#	600	06/2011
			U-4#	600	10/2011
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	U-3	135	07/2011
			U-4	135	01/2012
			U-5	135	04/2012
			U-6	135	06/2012
			U-7	135	10/2012
			U-8	135	08/2012
UP	Anpara-C	Lanco Anpara Power Pvt. Ltd.	U-1	600	07/2011
			U-2	600	08/2011
	Rosa TPP Ph-II	Reliance Power Ltd.	U-3#	300	12/2011
			U-4#	300	03/2012
Sub Total :				11026.5	
Total :				31486.7	

REMARKS:

:THERMAL UNITS WHERE EFFORTS ARE REQUIRED FOR COMMISSIONING DURING 11TH PLAN

**BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS
(NATIONAL THERMAL POWER CORPORATION)**

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (com.)	COD	Syn. (com)	COD	
PROJECTS UNDER CONSTRUCTION							
1.	Simhadri STPP St-II NTPC (Distt Visakhapatnam,A.P.) Unit-3 Unit-4	1000 500 500	 <u>11/10</u> 01/11 <u>05/11</u> 07/11	 03/11 09/11	 <u>03/11(A)</u> <u>03/11(A)</u> <u>10/11</u> 12/11	 05/11 12/11	CHP – (M/s L&T) Ready. Chimney–(M/s Gammon- India) Ready. NDCT–(M/s Gammon India) Raker Column casting completed. Shell casting for both units completed. <u>CW & Make up water system:</u> RCC for CW channel completed and charged. CW liner fabrication and erection in progress. CWPH structural erection & EOT crane erection completed. <u>Unit-3</u> - Boiler erection commenced in 01/08. - Boiler Drum lifted on 29/11/08. - Hydraulic test completed on 29.11.009. - Boiler light up completed on 28.09.10. SBO completed on 28.01.11. Normalisation completed. - Condenser erection commenced on 21/03/09. - TG erection commenced in 06/09. TG box up completed on20.12.10. TG lub oil flushing completed on 20.02.11. TG put on barring gear on 16.03.11. Unit synchronized on coal on 29.03.2011. Full load achieved on 31/3/2011. <u>Unit-4</u> - Boiler erection commenced in 06/08. Out of 24000 MT of boiler material, 15509 MT have been erected upto 03/11. - Out of 8500 MT of ESP material, 5470 MT have been erected upto 03/11. - Boiler drum lifted on 24/03/09. - Hydraulic test completed on 31st March'2010. Boiler light up expected by Aug'11. - Condenser erection commenced in 06/09 and in progress. - TG erection commenced on 26/10/10 . TG box up expected by Sept'11.
Investment Approval Sanctioning Authority Estimated cost Now Anticipated Expd. during 2006-2007. Expd. during 2007-2008. Exp. During 2008-2009 Exp. During 2009-2010 Exp. During 2010-2011 (upto 01/11) Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage Associated Transmission System		: 01.08.2007 : NTPC Board : Rs 510339 Lakhs : Rs 503853 Lakhs : Rs 27398 Lakhs : Rs 17306 Lakhs : Rs 109906 Lakhs : Rs 142964 Lakhs : Rs 58900 Lakhs : Coal SG: 26/ 03/2007 on M/S BHEL TG: 30/03/2007 on M/S BHEL : 30/ 03/2007 : LOAs issued by MCL for both the units @ 2.31 MTPA each. : Associated transmission system is being implemented by POWERGRID, and consists of Simhadri-Gazuwaka (Vizag) 400KV D/C line (App. 9Km). NIT for the same has been issued in May , 2009 and award is expected by Sept., 2009.					
Critical Areas		TG hall readiness , SG erection, Main plant Civil works,Completion of P-91 joints for U-4.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. comm	COD	Syn. comm	COD	
2	Vallur TPP St-I Ph-I (JV of TNEB&NTPC Ltd) Tamil Nadu Energy Co. Ltd. (NTECL) (Distt Thiruvallur ,TN.) Unit-1 Unit-2	1000 500 500	<u>11/10</u> 01/11 <u>05/11</u> 07/11	02/11 08/11	<u>09/11</u> 10/11 <u>01/12</u> 02/12	11/11 02/12	• Chimney: U-1 finishing works in progress.U-2 flue can erection in progress. Flue gas duct erection completed. • CHP: Intl & extnl.piling in progress. • External CHP: Structural erection in progress. Coal pipe erection in progress. • AHP: Bottom ash hopper erection completed . • Power House (Main Plant): Concreting in progress. Fabrication & erection of structure in progress. • DM Plant: one tank erected and other one in progress. Desalination plant erection works in progress. • IDCT: Cooling fans, gear box and motors alignment in progress. • CWPH: Structural work, CW duct erection & channel work in progress. • FPS: Fire water pumps trial run completed.
Investment Approval Sanctioning Authority Estimated cost Latest approved cost Expd. during 2005-2006. Expd. during 2006-2007. Expd. during 2007-2008. Expd. During 2008-2009 Expd. During 2009-2010 Expd. During 2010-2011 (up to 03/11) Type of Fuel Date of Main Plant Order Zero Date Fuel Linkage Asso.Transmission system		: 14/07/2007 : NTECL Board : Rs 542355 Lakh (Cost Ratio is 50:50) : Rs 555278 Lakh : Rs 29 Lakh : Rs 296 Lakh : Rs 37599 Lakh : Rs 63749 Lakh : Rs 148441 Lakh : Rs 137292 Lakh : Coal (MCL coal fields) : 13.08.2007 (SG&TG) on M/S BHEL : 13/ 08/2007 : MCL asked NTECL for bank guarantee of Rs 20.33 Crs. before issue of LOA which was given in 06/09. LOA awaited from MCL. : PGCL is to execute the following transmission lines through M/s BajaJ. a) VTPP – Almathi 400KV D/C line b) VTPP – Melakottaiyur 400KV D/C line TNEB is to execute the following transmission line : VTPP – NCTPS (TNEB) 400KV D/C line				• UNIT-1 • Boiler erection commenced on 05.01.09. 17590/20000 MT boiler material erected up to 03/11. • ESP erection commenced on 25/03/09. Out of 9000 MT of ESP material, 8508 MT has been erected up to 03/11.CR panel erected. • Boiler Drum lifted on 10/06/09. • De aerator & FST erected, welding completed. FW piping in progress. • HT: completed on 14/06/2010. • BLU: expected in 05/11. • Condenser erection started on 23.09.09. Condenser tube insertion completed. • TG: erection started in 12/09. HP. IP. LT erection in progress & CC pump received at site. • Box-up expected in July 11. • UNIT-2 • Boiler Erection commenced on 18/ 07/09. 14832/20000 MT boiler material erected up to 03/2011. Ducting work in progress. • ESP erection commenced in 08/09. 4485/9000 MT material erected up to 03/2011. Electrode fixing & CR structural work in progress. • Boiler Drum lifting done in 12/09. • HT Completed in Dec. 2010 • BLU expected in Aug, 2011 • Condenser erection started in 09/10. • TG erection started in March' 11. • Box-up expected by 09/11. • Switchgear: 400 kV GIS erection along with out door equipment is completed.	
Critical Areas		: Slow progress in CW ducting. Fuel oil water, CHP (delay in placement of order)				& burner for U-1. Start up power, DM Plant, Raw	

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) /As now expected		
			Syn. Comm.	COD	Syn. Comm.	COD	
3	Vallur TPP St-I Ph-II (JV of NTPC-TNEB), NTECL. (Distt Thiruvallur ,TN.)	500					• MOEF: Clearance obtained on 03.06.09 • CRZ : clearance obtained on 14.07.09 • Chimney: 111 mtr Shell concreting completed upto 03/11.Flue can fabrication in progress. • Concreting & fabrication of structure in progress in Main Plant area . • Blr erection started on 30.06.10. 1863/20000 MT material erected up to 03/11. • Drum received at site and is expected to be lifted in 05/11. • ESP column erection started in Dec. 2010. 308/9000 MT erected. • Cond. Erection start expected by 05/11 • TG deck Columns, beams and condenser wall concreting works in progress. • TG erection to start in 06/11. • BOPs packages included under Ph-I.
Unit-3	500	09/12 11/12	12/12	09/12 12/12	12/12		
Investment Approval		: 05/2009					
Sanctioning Authority		: NTECL Board					
Estimated cost		: Rs 308678 Lakh					
Latest approved cost		: Rs 308678 Lakh					
Expd. During 2008-2009		: Rs – Nil -					
Expd. During 2009-10		: Rs 21378 Lakh					
Expd. During 2010-11 (upto 03/11)		: Rs 17662 Lakh					
Type of Fuel		: Coal (MCL coal fields)					
Date of Main Plant Order		: 28.07.2009 (SG &TG) on M/S BHEL					
Zero Date		: 28/ 07/2009					
Fuel Linkage		: In principle clearance received from Min. of coal For Ph-II					
Asso.Transmission system		: PGCL is to execute the following transmission lines through M/s Bajaj a) VTPP – Almathi 400KV D/C line b) VTPP – Melakottaiyur 400KV D/C line TNEB is to execute the following transmission line : VTPP – NCTPS (TNEB) 400KV D/C line					
Critical Area		. Supply of HP, IP Turbine, LP rotor, Gen & CC pumps for unit-2 TG erection: Approach floors to be ready.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. com.	COD	Syn. com	COD	
4.	Sipat STPP St-I (Super Critical Units) (Dist. Bilaspur, Chhattisgarh)	1980					Unit-1 1. Boiler erection commenced in 3/05. 2. Boiler HT completed in 12/06. 3. BLU completed on 26.10.10. 4. SBO completed in 01/11. 5. Condenser erection started in 6/06. 6. TG erection started in 10/06 & TG Box Up completed in 01/10. 7. TG oil flushing completed in 12/10. 8. TG put on BG in 12/10. 9. GT back charging completed on 23.10.10. 10. Synch. With coal on 18.02.11.
	Unit-1	660	04/08 12/10* 09/08	10/08	02/11 (A) 06/11	06/11	6. TG erection started in 10/06 & TG Box Up completed in 01/10. 7. TG oil flushing completed in 12/10. 8. TG put on BG in 12/10.
	Unit-2	660	02/09 06/11* 07/09	08/09	07/11 08/11	08/11	9. GT back charging completed on 23.10.10. 10. Synch. With coal on 18.02.11.
	Unit-3	660	12/09 12/11* 05/10	06/10	10/11 12/11	03/12	Unit-2 1. Boiler erection commenced in 6/05. 2. Boiler HT completed in 7/07. 3. BLU is completed in 12/10. 4. SBO completion is expected in 05/11. 5. TG erection started in 06/07 and Box up completed on 31.01.11. 6. Oil flushing completion is expected in 05/11. 7. TG on BG is expected in 05/11.
	Date of TEC	: 17.01.2000					
	Investment Approval	: December'03					
	Date of Approval by State Govt	: N.A.					
	Original Estd. Cost	: Rs.832339 Lakhs					
	Latest cost.	: Rs. 832339 Lakhs					
	Exp. Upto 03/08	:Rs 464232 Lakhs					
	Exp. Upto 03/09	:Rs 600118 Lakhs					
	Exp. During 09-10	:Rs. 74805 Lakhs					
	Exp. During 10-11 (Upto 01/11)	:Rs. 47300 Lakhs					
	Type of fuel	: Coal					
	Fuel Linkage	: Available					
	Date of Main Plant Order	TG: M/s Power Machines, Russia on 6.4.04 : SG: M/s Doosan Heavy Ind., Korea on 15.4.04)					
	Power Evacuation System: Existing Transmission Lines.						Unit-3 1. Boiler erection commenced in 1/06. 2. Boiler HT completed in 02/09. 3. BLU expected in 08/11. 4. Condenser erection started in 5/07. 5. TG erection started in 4/08. 6. TG box up is expected in 08/11. -
	Critical Areas	Unit -1 : TG rotor got damaged during the load raising. This required opening of bearings. Commercial issues/ claim with Power Machine resolved in 10/09 - Delay in TG & Aux. equipments supplies such as TG integral piping and HP Hangers & Supports etc by M/s Power Machine are affecting fulfillment of intermediate milestones.					
	*REVISED						

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com)	COD		
5.	Mauda TPP (Dist. Nagpur, Maharashtra)	1000						1.Main plant order (BTG) placed on BHEL in 11/08. 2.Zero Date of the project is 11/08. 3.All clearances are available. 4.Site leveling work commenced on 11.12.08 and completed in 02/09. Unit-1 Boiler 1. Boiler erection started in 08/09. 2. ESP erection started in 12/09. 3. Boiler drum lifting completed on 02.06.10. 4. Boiler HT completed on 08/04/11. 5. Boiler light up expected in Oct’ 11. TG 1. TG erection started in 10/10. 2. TG box up is expected in 10/11. Unit-2 Boiler 1. Boiler erection started on 30. 04.10. 2. Boiler drum lifting completed in 12/10. 3. Boiler hydro test expected in 10/11. TG 1. TG erection start is expected in 08/11. 2. TG box up expected in Apr’ 12. BOPs 1. Chimney raft casting completed. Shell casting in progress. 2. CWPH raft casting completed. Other works are in progress. 3. Cooling Tower: CT-1A,1B,2A&2B, Aux CT works in progress.
	Unit-1	500	<u>02/12</u> 04/12	04/12	<u>02/12</u> 03/12	04/12		
	Unit-2	500	<u>08/12</u> 10/12	09/12	<u>10/12</u> 11/12	11/12		
	Date of TEC	: Not required						
	Investment Approval	: 11/07						
	Est. approved cost	: Rs. 545928 Lakhs						
	Exp. Upto 03/09	: Rs. 45520 Lakhs						
	Exp. During 09-10	: Rs 59540Lakhs						
	Exp. During 10-11 (Upto 01/11)	: Rs 86300 Lakhs						
	Type of fuel	: Coal						
	Fuel Linkage	: Available						
	Date of Main Plant Order(LOA)	: 11/08 on M/s BHEL(BTG)						
	Power Evacuation System:							
	Critical Areas		Foundations : ID/FD fan, TDBFP , Main control room , Slow civil works,					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn. (com.)	COD	Syn. (com.)	COD		
.	Rihand STPP St-III (Distt. Dadri, UP)	1000					- Order for civil works in BTG area & Chimney placed on M/s Simplex in June, 09 - CW equipment package awarded to M/s KBL - PT plant awarded to M/s MBE - Switchyard awarded to M/s L&T - FO system awarded to M/s Raunaq - Cooling Tower awarded on NBCC - CHP awarded on F. L. Smidth - C&I equipment order placed. - AHP order placed in May, 2010 unit-5: - Order for piling & foundation placed in June, 09 & civil works of foundation completed in October, 09 - Fabrication of Structural Steel commenced in September, 09 - Boiler erection commenced on 07.02.2010 - TG erection likely to commence in 03/2011 unit-6: - Order for piling & foundation placed in June, 09 & civil works for foundation commenced in October, 09 - Boiler erection likely to commence in 07/2010 - TG erection likely to commence in 07/2011	
	U-5	500	04/12 06/12	05/12	01/12 06/12	07/12		
	U-6	500	10/12 12/12	11/12	10/12 12/12	01/13		
	Date of Sanction	:-						
	Investment Approval	January, 2009						
	Sanctioning Authority	NTPC Board						
	Est. approved cost	Rs.623081 lakhs						
	Cum. Exp. Upto 03/09	Rs.28640 lakhs						
	Exp.During 2009-10	Rs.31371 Lakhs.						
	Exp.During 2010-11							
	Exp.During 2011-12							
	Type of fuel	: Coal						
	Fuel linkage							
	Date of Main Plant Order (BTG)	01/2009 (BHEL) –SG & Aux. 02/2009 (BHEL) –TG & Aux.						
	Power Evacuation							
	Critical Areas	Delay in material supply : IPT, Gen., RH coils, LTSH inlet header, Ms piping, Ccpumps , TG integral piping.						
1.	Vindhyachal STPP St-IV,Unit-11 &12 (Dist. Sidhi) NTPC	1000					- BTG awarded on BHEL - CHP award is yet to be placed. - Chimney- Piling work completed. - Cooling Tower package order placed on NBCC in 1/10. Unit-11 - Boiler erection started in 03/10. - Boiler drum lifted in 6/10. - Boiler HT is expected in 6/11. - Condenser erection started in 10/10. - TG erection started in 12/10. Unit-12 - Boiler piling work completed in 3/10. - Boiler erection started in 06/10. - Boiler drum lifted in 1/11. - Boiler HT is expected in 11/11. - TG erection is expected to start in 7/11.	
Unit-11	500	04/12 08/12	09/12	04/12 06/12	07/12			
Unit-12	500	10/12 02/13	03/13	10/12 12/12	01/13			
State Govt. approval								
Org Est. approved cost	: Rs. 591500 Lakhs							
Latest Cost	: Rs. 591500 Lakhs							
Exp.(up to 3/09)	: Rs. 28980 Lakhs							
Exp. During 3/10	: Rs 46120 Lakhs							
Exp. 2010-11 (up to 2/11)	: Rs. 81300 lakhs							
Cumulative Exp (up to 2/11)	: Rs.156400 lakhs							
Type of fuel	: Coal							
Date of Main Plant Order	SG & Aux. awarded in 1/09 & TG &Aux awarded in 2/09 on M/s BHEL							
	Critical Areas	TG supplies critical						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) /As now expected		
			Syn. comm	COD	Syn. comm	COD	
2	Indira Gandhi STPP (Aravali Power Co. Pvt. Ltd- - JV of NTPC, HPGCL and IPGCL) (Dist: Jhajjar)	1500					1. JV of NTPC (50%). IPGCL (25%) & HPGCL (25%) formed for execution of the project. 2. LOI placed for SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL respectively.
	U-1	500	07/10 09/10	10/10	10/10(A) 10/10(A)	(A)	Unit-1 Synchronised on 10.10.10 & commissioned on 31.10.10.
	U-2	500	10/10 12/10	01/11	09/11 11/11	-	Unit-2 Boiler erection started on 30.11.08. Drum lifted on 09.04.09. HT completed in 04/10. BLU expected in 05/11. TG deck casted. TG erection started on 10.01.10. Box up completed.
	U-3	500	01/11 03/11	04/11	03/12 04/12	-	Unit-3 Boiler erection started on 19.03.09. Boiler drum lifted on 12.11.09. HT completed in 04/11. Bottom ring header expected at site by end of 06/10. TG deck casting completed on 14.02.10. TG erection start expected in 07/10.
	Date of Sanction	:-					
	Investment Approval	:-					
	Sanctioning Authority	:- NTPC Board					
	Orig. Est. Cost	:-Rs.829300 Lakhs					
	Latest.Est. Cost	:-Rs.789242 Lakhs					
	Cum. Exp. Upto 03/09	:- Rs.237031 Lakhs					
	Exp.During 2006-07	:- Rs 31 Lakhs					
	2007-08	:-Rs. 108000 lakhs					
	2008-09	:-Rs. 128900 lakhs					
	2009-10	:-Rs. 227300 lakhs					
	2010-11 (up to 04/2010)	:- Rs 8793 lakhs					
	Type of fuel	:- Coal					
	Funding	:-					
	Date of Main Plant Order	:- SG on 06.07.2007 & TG on 14.07.2007 on M/s BHEL.					
	Critical Areas	U-2: Completion of P-91 joints & flue gas ducting. U-3: TG- Readiness of approach floor for TG erection & EOT crane extn. Readiness of balance foundation.					

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			<u>Syn. Com</u>	COD	<u>Syn. Com</u>	COD	
	Bongaigaon TPS, Distt: Kokrajhar. (Assam) NTPC	750					Chimney (Gammon) : Raft concreting work completed in 2/10. CHP (McNelly Bharat) Order placed on 20.01.2010.
	U#1	250	<u>11/10</u> 01/11	-	<u>5/12</u> 07/12	08/12	Unit-1: - Boiler Erection started on 27/02/09. - Drum lifted on 25/01/2010. - Hydro test done in 1/2011. - BLU expected in 12/11. - Condenser erection started in 02/2010 - TG pedestal under progress. Erection expected to start in 5/2011.
	U#2	250	<u>03/11</u> 05/11	-	<u>02/12</u> 06/13	07/13	Unit-2: - Boiler Erection started on 10th March., 2010. - Drum lifted in 10/2010. - Hydro test expected in 08/2011. - Condenser erection expected to start by 08/2011. - TG erection expected to start in by 9/11.
	U#3	250	<u>07/11</u> 09/11	-	<u>07/13</u> 10/13	11/13	
	Date of approval		: 30/01/2008				
	Org.Est. cost		: Rs.437535 Lakhs				
	Latest cost		: Rs.437535 Lakhs				
	Exp. During 2007-08		: Rs. 23831 Lakhs				
	Exp. During 2008-09		: Rs. 16046 lakhs				
	Exp. During 2009-10		: Rs 70923 lakhs				
	Exp. During 2010-11 (up to 2/11)		: Rs 72300 lakhs				
	Cumulative Exp (up to 2/11)		: Rs 183100 lakhs				
	Type of fuel		: Coal				
	Date of Main Plant Order		: 05/02/08 , BHEL				
	Coal Source and Transportation :		<u>Source of Coal & Transportation</u> : 2/3 of required Coal will be transported from Margarita-Makuma mines of NECL (Upper Assam). Rest 1/3 will be supplied by ECL mines in Raniganj area of West Bengal. Coal will be transported using Railway wagons by BOBR.				
	Power Evacuation:		1. 400KV BTPS(NTPC)- Bongaigaon (PG) D/C Line 2. 220 KV BTPS(NTPC)- Bongaigaon (Assam) D/C Line				
	Critical Areas		Slow progress on civil front by M/s SPML. Law and order. Inadequate deployment of manpower Re-award of civil works for unit-2&3 Heavy rains				

**BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS
(DAMODAR VALLEY CORPORATION)**

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (Comm)	COD	Syn. (Comm)	COD	
2.	Durgapur Steel TPP, Andal, Distt-Burdwan, West Bengal State	1000					Leveling & Earth filling work of both units completed. <u>Unit-1:</u> Boiler erection started on 24.10.2008. Boiler drum was lifted on 29.04.09. HT completed on 30th March'10. BLU is completed on 27.02.11. TG Deck casting completed. TG erection started in Jan'10. TG boxed up on 12.09.10..Unit synchronization and commissioning expected in 06/11. <u>Unit-2</u> Boiler erection started in Dec'08. Boiler drum was lifted on 09.07.09. HT was done on 28.12.10. BLU is expected in Aug,11. TG erection is started on 27.07.10. TG box up expected in 08/11. Unit synchronisation and commissioning is expected by 11/11 & 12/11 respectively.
	Unit-1	500	06/10 07/10	07/10	05/11* 06/11*		
	Unit-2	500	10/10 11/10	01/11	11/11 12/11		
	Zero Date of Project : 03.08.2007						
	Main Plant order Date : 27.07.2007 on BHEL						
	Estd. cost : Rs.445700 Lakhs						
	Exp. During 2006-07 : Rs 32.19 Lakhs						
	Cumul. Exp. 2006-07 : Rs 32.19 Lakhs						
	Exp. During 2007-08 : Rs 38732.00 Lakhs						
	Cumul. Exp. 2007-08 : Rs 38764.19 Lakhs						
	Exp. During 2008-09 : Rs 122058.00 Lakhs						
	Cumul. Exp. 2008-09 : Rs 160822.19 Lakhs						
	Exp. During 2009-10 : Rs 107464.00 Lakhs						
	Cumul. Exp. 2009-10 : Rs 268286.19 Lakhs (Jan_10)						
	Critical Areas		Unit-1: Delay in Land acquisition for raw water pipe line corridor & Ash Pond. , Readiness of Raw Water Pump House, Intake Pump House, Raw Water Pipeline, PT Plant etc., Start up power , DSP land acquisition , Supply of balance missing items. DM water. Unit-2: Supply of material, Ash pond work yet to be taken up due to non availability of land from DSP. Man power, Readiness of Cooling tower and fuel oil system.				

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (Comm)	COD	Syn. (Comm)	COD	
4.	Koderma TPP St-I, TPS- Jai Nagar, Distt-Koderma, Jharkhand State	1000					Unit-I 1) Boiler erection started on 15.09.2008. Drum was lifted on 08.03.09. Boiler hydro test was completed on 7th Mar'10.Boiler light up completed on 30 th Dec, 10. 2) TG – Concreting of TG Deck completed on 22.10.09. Condenser & TG erection started in Jan'10 and Feb'10 respectively. TG boxed up on 7.1.11. Unit synchronization expected in May'11 and commissioning in June, 11. Unit-2 1) Boiler erection started in Jan'09. Drum was lifted on 09.07.09. Boiler hydro test completed in Sept'10. Boiler light up is expected in Oct'11. 2) TG : TG deck casting completed. TG erection expected to start in 05/11. TG box up expected in 11/11 Synchronisation expected in 02/12 and commissioning in Dec, 11. 3) NDCT-II : Shell casting is in progress. It needs to be expedited. 4) CHP : Work is almost complete by L&T. Its progress is satisfactory. 5) AHP : Civil works of ash slurry pump house, compressor house, etc. are lagging behind.
	Unit-1	500	05/10 06/10	06/10	05/11 06/11		
	Unit-2	500	09/10 10/10	10/10	2/12 3/12		
	Investment approval. : 09.06.2004 (DVC Board)						
	Estimated cost : Rs.431300 Lakhs						
	Exp. During 2006-07 : Rs 2529.17 Lakhs						
	Cumul. Exp. 2006-07 : Rs 2529.17 Lakhs						
	Exp. During 2007-08 : Rs 27556.17 Lakhs						
	Cumul. Exp. 2007-08 : Rs 30085.17 Lakhs						
	Exp. During 2008-09 : Rs 113894.00 Lakhs						
	Cumul. Exp. 2008-09 : Rs 143979.17 Lakhs						
	Exp. During 2009-10 : Rs 117510.00 Lakhs						
	Cumul. Exp. 2009-10 : Rs 261489.17 Lakhs (Jan _10)						
	Main Plant order Date : 29.06.2007 on BHEL(Turnkey)						
	Power Evacuation System: a) 400 KV D/C Koderma-Bihar Sharif Line –(160 Ckm) to meet the startup power of KTPP-avl by end of July'10.. b) D/C LILO of 132 KV Barhi-Koderma Line at 220 KV Koderma S/Stn-16.376 Ckm to meet the startup power. c) 400 KV D/C Koderma-Gaya Line 160 Ckm for the power evacuation of KTPP. Fuel Supply Arrangement: 4.62 MTPA Coal from MCL, and Saharpur Jamarpani Coal block jointly allocated to DSTPP & KTPP with proposed use with RTPP PH-I & II and before this MCL will supply coal. Zero Date of Project : 21.07.2007						
	Critical Areas		Unit-1: HT supply to CHP, Readiness of fuel oil pipe and cable rack (BHEL), Readiness of ash handling system (BHEL-ISG). Unit-2 : Supply of CC Pumps by BHEL.,Readiness of EOT Crane to start TG erection (BHEL). Slow progress of Civil work by M/s Navyug. Land for ash pond.				

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (Comm)	COD	Syn. (Comm)	COD	
3.	Raghunathpur TPP Ph-I ,Raghunathpur, Distt-Purulia, West Bengal	1200					1)The construction of boundary wall almost completed 2) Work for construction power &b diversion of 33 kV line is in progress. 3) The grading & leveling work of plant area is in progress. Unit-I 1) Boiler erection started on 16.04.09.. Drum lifting was completed on 29th Jan’10. HT is expected in 06/11. 2) TG Foundation: TG deck casted . TG erection is in progress. 3) ESP: Erection started. 7035 MT material has been erected so far. 4) NDCT-I- Total 35/107 lifts completed.. Unit-2 1) Boiler erection started in Sep’ 09. Drum lifting was completed on 2nd April’10. 3826 MT structural part & 4910 MT pressure and 17220 joints were welded. 2) Power house:A ll main fdn. including pedestal completed. 3) TG Deck-II Casting completed on 25-06-2010. 4) Mill & Bunker: All RCC pedestal for bunker -1A, 1B, 2A & 2B completed. All 4 Nos. mill fdn. Completed in 1B & 2A. 2 Mill fdn. out of 4 completed at 1A. 5) ESP foundation: 7800 MT erection completed. 6) NDCT-II- 42.70 M shell casting completed. Common area: 1) Chimney- Shell casting completed. 2) Switchyard- Earth work completed. Structural erection is in progress. 3) Compressor building, canteen building, chemical laboratory, maintenance building and permanent store: RCC work almost completed. 4) Coal Handling Plant: 83 lifts completed out of 105 lifts including MB-1 & MB-2 of track hopper completed. .
	Unit-1	600	09/10 10/10	11/10	* *		
	Unit-2	600	12/10 01/11	02/11	* *		
	Investment approval. : 30.04.2007 (DVC Board)						
	Estimated cost : Rs.412200 lakhs						
	Exp. During 2006-07 : Rs 40.92 Lakhs						
	Cumul. Exp. 2006-07 : Rs 40.92 Lakhs						
	Exp. During 2007-08 : Rs 39620.00 Lakhs						
	Cumul. Exp. 2007-08 : Rs 39660.92 Lakhs						
	Exp. During 2008-09 : Rs 18920.00 Lakhs						
	Cumul. Exp. 2008-09 : Rs 58580.92 Lakhs						
	Exp. During 2009-10 : Rs 116114.00 Lakhs						
	Cumul. Exp. 2009-10 : Rs 174694.92 Lakhs (January_10)						
	Main Plant order Date : 14.12.2007 on REL (EPC). BTG order placed on M/s Shanghai Electric Corporation China by REL						
	Zero Date of Project : 14.12.2007						
	Power Evacuation System: (i) S/C LILO of 400 KV Maithon(PG)-Ranchi(PG) D/C Line at RTPP-24 Ckm to meet the startup power of RTPP. (ii) 400 KV D/C RTPP- Ranchi(PG) Line 301.18 Ckm for the power evacuation line expected to complete by August’10. Fuel Supply Arrangement: 1.76 MTPA Coal from BCCL, for Unit-1 only on tapering basis and rest will be taken from the Saharpur-Jamarpani Coal block jointly allocated to DSTPP & RTPP PH-I & II. *No dates indicated for these activities as there is on certainty due to resistance from local people in getting land for Rail and water corridor.						
	Critical Areas		Frequent stoppage of work by land losers & ITI students.,Delay in land acquisition for Ash Pond, Ash Corridor. Slow erection work. Slow progress of chimney. Adequate man power & resources, Delay in supply from SEC, China, Chimney work slow,				

Sl. No	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (Comm)	COD	Syn. (Comm)	COD	
III.	DVC & Tata Power, Joint Venture under Public Private Partnership programme:						
1.	Maithon R/B TPP (MPL – a JV Co. of DVC & Tata Power), PO-Nirsa Distt. Dhanbad, Jharkhand	1050					(i) DVC Board on 24.03.05 ratified the ownership pattern of 26% (DVC) and 74% (TPC) Status: Unit-1: (i) Boiler erection of unit-1 was started on 08.09.2008. Drum lifted on 22.03.09. Boiler hydro test completed on 24th Mar'10. Boiler lighted up on 5.12.10. (ii) TG deck casting was completed on 21.06.2009. Condenser erection work started on 10.08.09. TG erection started in Dec'09. TG boxed-up on 2/11/10. The unit was synchronized on 23.3.11. Unit-2: (iii) Boiler erection started in 21 Jan'09. Drum lifted on 03.08.09. Boiler hydro test is completed in 11/10. (iv) TG: TG erection started in 8/10. Box up expected in 8/11. (v) Chimney – Flue can brick work is in progress and is expected to be completed in 6/11. (vi) CHP: ME-2 tunnel works are in progress. Paddle feeders erection are also in progress. (vii) Synchronization and commissioning expected in 11/11 and 12/11 respectively. (viii) Coal firing and commissioning is expected in 6/11.
Unit-1		525	09/10 10/10	12/10	03/11 (A) 06/11		
Unit-2		525	03/11 04/11	06/11	11/11 12/11		
Est. cost (Based on A.P. 07-08)		: Rs. 445500 lakhs (DVC contr.-34710)					
Type of fuel		: Coal					
Main Plant Order(EPC) on BHEL		: 25.10.2007					
Exp. During 2006-07		: Rs 1649.87 Lakhs					
Cumul. Exp. 2006-07		: Rs 1649.87 Lakhs					
Exp. During 2007-08		: Rs 35433.96 Lakhs					
Cumul. Exp. 2007-08		: Rs 37083.83 lakhs					
Exp. During 2008-09		: Rs 68350.00 Lakhs					
Cumul. Exp. 2008-09		: Rs 105433.83 Lakhs					
Exp. During 2009-10		: Rs 105007.00 Lakhs					
Cumul. Exp.2009-10		: Rs 207882.83 Lakhs (Jan_10)					
Power Evacuation System:							
a) Open access by PGCIL for evacuation and startup power.							
Fuel Supply Arrangement:							
a) SLC (LT) granted long term linkage for 4.864 MTPA for BCCL.							
b) MT(0.5 MT each from Karo OCP & Khasmahal OCP) from CCL							
c) MT out of middling from Tata Steel							
Zero date of the project : 25.10.2007 (BTG ORDER)							
Critical Areas		Unit-2 : Readiness of CHP, FD & PA fan foundations, Delay in Turbine erection					

BROAD STATUS OF CENTRAL SECTOR THERMAL POWER PROJECTS
(NEYVELI LIGNITE CORPORATION)

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Expected		
			Syn. Comm	COD	Syn. Comm	COD	
1.	Neyveli TPS-II Exp.* NLC (Distt. Cuddalore, TN.)	500					• Tata Consulting Engineers, Bangalore, appointed as project consultant. • Switch yard charged on 19.09.2009. • CW system erection completed. PT plant, RO/DM plant is ready for commn • Chimney and both CT completed. • Startup power: made available to all packages from 05-10-10. • AHS & LHS works are in progress. • Ash pipes erection is in progress. • RO/DM plant works are in progress for commissioning. Unit-1 • Boiler erection commenced on 28.04.2007. • Boiler Drum lifted on 06.02.2008. • Pressure parts erection is in progress. • 4720/4720 MT refractory work completed on 10.02.11 • HT conducted on 27/ 06/2009. • Oil flushing in ID fans is in progress. • BLU done on 28-02-11. • TG: Cond and TG erection completed (04/10). TG taken on barring gear on 18/02/1. EDTA cleaning in progress.. • Boxed up done in 01/10. • ESP:Field charging done on 29-01-11in ‘B’ pass. Field charging work in progress in ‘A’ pass. Unit-2 • Boiler erection commenced on 25.07.07 • Boiler Drum lifted on 31.05.2008. • Pressure parts, cyclones, FBHEs, fans and ducts erection in progress. • 47948/49600 welding joints completed • Refractory (4630 MT) started on 02.4.11. 100/4700 MT erected • 950/1400 MT insulation erected • HT conducted on 30/ 07/2010. • BLU is expected in 11/11 • Condenser erection started on 16/ 06/09 • TG erection started in 06/09 • Box-up: expected in 05/11 • Turbine. LP Turbine casing leveling in progress. Generator stator lifted & positioned • ESP: Emergency electrodes erection completed in ‘B’ pass and to be started in ‘A’ pass. 2774/3089 MT material erected
	U-1	250	11/08 02/09	02/09	05/11 06/11	06/11	
	U-2	250	03/09 06/09	06/09	01/12 02/12	03/12	
	Date of TEC	19.8.02					
	Date of Sanction	18.10.04					
	Sanctioning Authority	CCEA					
	Est. Approved Cost	Rs 203078 Lakh					
	Latest Cost.	Rs 245357 Lakh					
	Exp. during 2004-2005.	Rs 585 Lakh					
	Exp. during 2005-2006.	Rs 16175 Lakh					
	Exp. during 2006-2007.	Rs 25239 Lakh					
	Exp. during 2007-2008.	Rs 73489 Lakh					
	Exp. during 2008-2009	Rs 50789 Lakh					
	Exp. during 2009-2010	Rs 285.50 Lakh					
	Exp. during 2010-2011 (upto 12//2010)	Rs. 115.37 Lakh					
	Type of Fuel	Lignite:					
	Date of Main Plant Order	:19.8.2005 on M/S BHEL					
	Zero Date	:19.8.2005					
	Fuel Linkage : Lignite linkage for 4.5 MTPA is available from Neyveli Exp. Mine-II vide Min. of Coal & Mines letter No. 43011/3/2004-Lig/CPAM dt. 18.10.04. Associated Transmission System: PGCL is executing the following transmission line. Neyveli TS-II – Pugalur 400 kV D/C line charged on 19.09.2009.						
	* Project slipped from 10th plan						
	Critical Areas	1.Short-age of HP Welders & Man- -power., 2. Refractory work , Lignite bunker mat to be supplied -					

BROAD STATUS OF THERMAL POWER PROJECTS IN DELHI

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
I. PROJECTS UNDER CONSTRUCTION							
STATE SECTOR							
1.	Pragati III Power Project, Bawana Pragati Power Corp. Ltd.,GENCO, (Delhi)	1500					
	Block-I GT-1		<u>03/10</u> (3/10)		<u>04/10</u> (24/10/10(A))		a) LOI issued to BHEL on 30.4.08.
	GT-2	3x250	<u>05/10</u> (5/10)		<u>2/11(A)</u> 2/11(A)	} 06/11	b) Contract signed on 30.5.08.
	ST		<u>07/10</u> (7/10)		<u>05/11</u> (06/11)		c) Advance issued on 13.6.08.
	Block-II GT-1		<u>07/10</u> (7/10)		<u>08/11</u> (08/11)		d) Civil works of raw water reservoir and CW pump house are in progress.
	GT-2	3x250	<u>09/10</u> (09/10)		<u>10/11</u> (10/11)	} 02/12	e) GT-1&2 and HRSG foundations have been completed.
	ST		<u>11/10</u> (11/10)		<u>12/11</u> (02/12)		i) GT#1 commissioned on 24/10/10
	Sanctioning Authority : Govt. of National Territory of Delhi Est. approved cost : Rs. 519581 lakhs Exp. during 2008-09 : Rs. 45238 lakhs Exp. during 2009-10 : Rs. 4938 lakhs(4/09) Total Expenditure : 1900 Crores (30/04/10) Type of fuel : Natural Gas Gas turbine : GE (9FE) Fuel Linkage : Gas has been ties up with GAIL, IOC & BPCL For 2 mmscms by each company . Date of Main Plant : M/s BHEL (30.5.2008) (Rs.349999 lakhs) Order (Turn-key) Power Evacuation System : At 400 KV level from existing Grid station of DTL.						ii) GT#2 commissioned on 14/2/11
	Critical Areas	D M plant erection , Control room erection, GT#4 yet to reach at site, Delayed Civil Work in STG,BOP and Module 2 areas					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
	Private Sector						
1.	Rithala CCPP, North Delhi Power Ltd., (Delhi) GT-1&2 ST	108 108	06/09 07/09 08/09	08/09	20/11/10 (A) 02/11(A)) 06/11	06/11	- NDPL has procured a 108 MW CCPP of European manufacturer from Chongqing, China which has been dismantled and relocated at Delhi site. - MOE&F clearance obtained from SEIAA, NCT of Delhi on 24.04.09. - Gas transportation agreement signed with GAIL on 8.9.08 to supply gas from Ankot to project site. GTA with RIL to transport gas from KG basin to Ankot is yet to be signed.
Sanctioning Authority : Est. approved cost : Expenditure (upto 17/09/08) : Type of fuel : Fuel Linkage Date of Main Plant : Order Power Evacuation :		NA Rs 25648 lakhs. Rs 15000 lakhs. Natural Gas 0.6 MMSCMD of Natural gas from KG basin by RIL Dismantled power station Equipment received at site.				GT#1 on full load on 20/11/10 GT #2 on load On Feb 2011 ST#1 to be commissioned in 06/11	
Critical Areas		Folow up of Rotor refurbishment.					

BROAD STATUS OF THERMAL POWER PROJECTS IN RAJASTHAN

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) /As now expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
C	Private Sector						
1	Jallipa Kapurdi TPP Raj West power ltd. (Distt. Barmer)	1080					BOPs a) 6.6kV/440V dry type transformers and turbine MCC charged b) 183 km of RW pipeline laid. Unit-1 Unit synchronized on 17.08.09, commissioned on 16.10.09 and COD achieved on 26 th Nov. 09. Unit-2 Unit synchronized on 16 th June'10, achieved full load on 8.7.10 and COD achieved on 4 th Oct. 10. Unit-3 a) Boiler drum lifted on 19.3.08. Boiler structure 97% completed. b) Common chimney for Unit- 3&4 shell casting completed. c) ESP erection 100% completed. d) TG box up completed. e) Boiler H/T completed on 12th Jun'10 , refractory application is in progress and BLU is achieved in Apr'11. f) Unit synchronized in 4/11. Unit-4 a) Drum lifting completed on 2.6.08. Boiler structure erection 96% completed. b) Boiler Hydro test completed. c) TG box up is expected to be completed in mid of 05/11. d) Boiler light up is expected in Jul.11 and synchronization is expected in Aug.'11. Unit-5 a) Boiler drum lifted on 4.8.08. b) Boiler Hydro test completed on 18.11.10 c) Common chimney for Unit- 5&6 shell casting completed. d) ESP erection 100% completed. Unit-6 a) Boiler structure work completed. b) Boiler Hydro test completed on 18.11.10 c) ESP structure work 100% completed. APH erection 81% completed. d) Chimney for Unit 5&6 completed. Unit-7&8 a) Boiler structure work for Unit 7&8 is 74% &83% completed respectively. b) ESP for U-7, 86% completed & U-8 13% completed. c) Common chimney for Unit-7&8 completed.
U-1	135	09/09 (10/09)	10/09	08/09(A) 10/09(A)	11/09 (A)		
U-2	135	10/09 (11/09)	11/09	6/10(A) 7/10(A)	10/10 (A)		
U-3	135	12/09 (01/10)	01/10	04/11(A) (06/11)	07/11		
U-4	135	02/10 (03/10)	03/10	08/11 (10/11)	09/11		
U-5	135	05/10 (07/10)	07/10	03/12 (04/12)	05/12		
U-6	135	07/10 (08/10)	08/10	05/12 (06/12)	07/12		
U-7	135	08/10 (09/10)	09/10	09/12 (10/12)	11/12		
U-8	135	11/10 (12/10)	12/10	06/12 (08/12)	10/12		
Est. approved cost		₹ 507500 lakhs					
Revised cost		₹ 507500 lakhs					
Exp. During 2007-08		₹ 105496 lakhs					
Exp. During 2008-09		₹ 236408 lakhs					
Exp. Upto 2009-10(upto 9/09)		₹ 48862 lakhs					
Exp.During 2010-11		₹ -- Lakhs					
Type of fuel		Lignite					
Fuel Linkage		Captive coal mines from Jallipa & Kapurdi, 40,000 MT coal from Indonesia.					
Date of main plant Order		3/07 on M/s Dongfang Electric Corp.					
Power evacuation system		400 KV Jhodpur – 1 nos. and Barmer – 2 nos. 200KV, Dohrimanna – 2 nos. & Barmer – 1nos.					
Critical Areas		High labor turn out rate , acquisition of balance land for Jallipa lignite mine and delay in develop-ment of Jallipa mine. Availa-blity perma-nent power supply for pumping station					

BROAD STATUS OF THERMAL POWER PROJECTS IN UTTAR PRADESH

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
PROJECTS INCLUDED IN 11 TH PLAN							
STATE SECTOR							
1.	Parichha TPS Extn. Stage-II UPRVUNL (Distt. Jhansi)	500					a) BTG contract has been placed on M/s BHEL on 28.06.2006. <u>Chimney:</u> (M/s NBCC) Reconstruction of Chimney under progress. Flue can erection for U#5 to start from end april 11 b) <u>IDCT:</u> Near completion c) Civil work of Fuel oil handling system is in progress. Unit-5: a) Boiler Drum Lifted on 5.9.08. b) Boiler Hydro test conducted on 31.03.09. c) Boiler light up depends upon the completion of new chimney (07/11) d) TG: Condenser erection started on 20.06.09 & TG erection commenced on 01.07.09. LP casing, HP Turbine, Stator placed on foundation. TG box up (24.4.10) Unit-6: a) Boiler drum lifted on 4.12.08. b) Boiler hydro test conducted on 16.11.09 c) Boiler light up by 10/11.
	Unit-5	250	04/09 06/09	07/09	11/11	04/12	
	Unit-6	250	08/09 10/09	11/09	02/12	06/12	
	Date of approval by State Govt.						
	Est. approved cost		Rs. 190000 lakhs				
	Latest Est. Cost		Rs.235600 lakhs				
	Exp. upto 2006-07		Rs.22599 lakhs				
	Exp. upto 2007-08		Rs.39227 lakhs				
	Exp. upto 2008-09		Rs.65614 lakhs				
	Exp. upto 2009-10		Rs.20881 lakhs (Sept, 09)				
	Type of fuel		Coal				
	Fuel Linkage						
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs. (Zero Date: 23.02.2007)				
	Power Evacuation system						
	* These activities are to re-scheduled after the availability of new chimney.						
	Critical Areas		Construction of new Chimney (Flue can erection to be started from 20/04/2011)				

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
2.	Harduaganj TPS Extn. UPRVUNL (Distt. Aligarh)	500					- Zero date of the project is 07.09.06. - Site handed over to M/s BHEL on 29th March '07.
	Unit-8	250	08/09 09/09	10/09	5/11 07/11	07/11	BOPs: - Chimney erection and flue can erection for U# 8 completed in 03/11. - PCC work of wagon Tippler-1&2 Completed - AHP work in advance stage - DM tank foundation completed. Cooling Tower is ready Unit-8: - Boiler erection commenced on 25thAug'08. Boiler drum lifting completed on 25/01/09. - Boiler hydraulic test is done February, 11. - BLU on 25/03/2011 (A) - TG box up near completion. Unit-9: - Boiler erection commenced on 20.11.08 Boiler drum lifting completed on 31/03/09. - Boiler hydraulic test is expected by 09/11. - Boiler light up is expected in 10/2011, - TG Box up by 09/11. - Commissioning is expected in 12/2011
	Unit-9	250	12/09 01/10	02/10	08/11 12/11	12/11	
	Date of approval by State Govt.						
	Est. approved cost		Rs. 190000 lakhs				
	Latest Est. Cost		Rs. 222500 lakhs				
	Cumm. Exp. upto 2006-07		Rs. 16472.41 lakhs				
	Exp. during 2007-08		Rs. 24920 lakhs				
	Exp. during 2008-09		Rs.58955 lakhs				
	Exp. during 2009-10		Rs53937 lakhs				
	Type of fuel		Coal				
	Fuel linkage		1.943 MTPA of coal allotted by MOC from CCL vide MOC lr. no. 23011/ 87/ 2005/ CPD , dated 2.8.06 and CCL lr.no. CGM/PP/06/2/233-37 dated 8.9.06.				
	Date of main plant order		28.06.2006 on BHEL (BTG) at Rs.122400 Lakhs.				
Power Evacuation		Existing 220 kV lines are sufficient for cater the load of these two units.					
	Critical Areas	Erection of Turbine of U#9, Raw Water Pump House, Ash Handling System					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
3.	Anpara ‘D’TPS UPRVUNL (Distt. Sonebhadra)	1000					a) Order for main plant and equipment along with agreed BOPs has been placed on M/s BHEL (BTG) on 24.10.07 for Rs. 3390 Crs. b) MOEF clearance achieved on 18.9.07. c) Financial Closure achieved on 23.11.07. d) 15% advance issued to BHEL on 13.1.08. e) Zero date of the project is 13.01.2008. f) NIT Water Treatment Plant issued. g) Order for CHP awarded L&T h) AHP (within project area) awarded to M/s Mecaber BK i) Chimney awarded to M/s Lanco Infratech Limited j) Switchyard awarded to M/s Areva T&D k) 16000MT Structural Steel has been received at site. l) Leveling & grading work of BTG area Completed. Piling work in progress. m) Leveling & grading work of CHP area in progress. n) A total of 18469 MT out0 66615 MT boiler material reached at site till Dec, 09. o) Boiler drum for U#1 lifted in 03/2011 p) As such project is not expected during 11 th plan.
Unit-1	500	02/11 03/11	04/11	12/11 03/12*	04/13		
Unit-2	500	05/11 06/11	07/11	12 th Plan	07/13		
Date of approval by State Govt.							
Est. approved cost							
Latest Est. Cost		Rs. 535876 lakhs					
Exp. upto 2006-07		Rs. 290lakhs					
Exp. upto 2007-08		Rs. 47000 lakhs					
Exp. during 2008-09		Rs. 6890 lakhs					
Exp. upto 2009-10 (Feb, 10)		Rs. 89062 lakhs					
Type of fuel		Coal					
Fuel Linkage							
Date of main plant order		BHEL. (BTG) on 24.10.07 Project Zero date: 13.01.08					
Power Evacuation system							
* Best effort schedule. As per present status unit may come in 12 th Plan							
	Criti-cal Areas	ESP islaging behind schedule as 132/400 KV transmission line coming in ESP area is to be relocated . Line shifted in 09/2009, Civil work for CW system are very slow (BHEL Scope) This is affecting start of TG erection, Chimney Cell casting yet to be start, Man power deployment at site is in adequate .(BHEL scope)					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Expected		
			Syn. Comm .	COD	Syn. Comm .	COD	
	PRIVATE SECTOR						
2.	Rosa TPP (Ph.-II) Rosa Power Supply Co. Ltd. (Reliance Energy Ltd.) (Distt. Shahjahanpur)	600					- M/s Shanghai Electric Corpn., China has been selected as EPC contractor through competitive bidding on 23.03.08 for executing the project. - Advance payment released on 20.05.08 to SEC. - Notice to proceed (NTP) has also been issued on 15.09.08 to EPC contractor. - MOE&F clearance obtained in July'09. - Facilities of Coal handling plant , DM plant will be utilized from the existing facilities. - Orders for balance BOPs are under process. - Piling work at BTG area commenced in October, 2009 and is in progress <u>Unit-3</u> - Boiler erection to Started in 10/2010 <u>Unit-4</u> - Boiler foundation work completed. - Boiler erection started in June, 2010
Unit-3	300	01/11 03/11	04/11	10/11 12/11	03/12		
Unit-4	300	05/11 06/11	07/11	01/12 03/12	06/12		
Date of TEC							
Date of approval by State Govt.							
Original Estimated cost		Rs. 250000 lakhs					
Latest Est. Cost		Rs. 250000 lakhs					
Exp. upto 03/08		Nil					
Exp. During 2008-09		Rs. 30162 lakhs					
Exp. During 2009-10		Rs. 35096 lakhs					
Financial Closure		Achieved in July'09.					
Type of fuel		Coal					
Fuel linkage							
Date of order		23.3.08 on M/s Shanghai Electric Corpn China (EPC) &BTG					
Power Evacuation							
Effective Zero Date		22.05.08					
Criti-cal Areas							

Unit-3

- Boiler erection to Started in 10/2010

Unit-4

- Boiler foundation work completed.
- Boiler erection started in June, 2010

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual (A) / As now Expected		
			Syn. (Com.)	COD	Syn. (Com.)	COD	
3.	Anpara ‘C’TPS UPRVUNL/ Lanco Anpara Power Ltd. (Dist: Sonebhadra)	1200					a) Letter of acceptance placed on M/s Lanco Anpara Power Pvt .Ltd. by UPRVUNL on 27.09.2006 for 2x500 MW. b) The project has achieved financial closure on 24 th Nov’07 with REC. c) MOE&F clearance obtained on 26.11.07. d) EPC contract for 2x600 MW was awarded on 15 th Nov’07 to M/s Lanco Infratech Ltd.(LIL). e) <u>Switchyard</u> : Consultancy contracts awarded on RITES for civil works of Switchyard and MGR system. Equipment. f) 400 kV Switchyard equipment erection completed. 765 kV Switchyard foundation & structure & equipment erection in progress. g) <u>Chimney</u> : Completed. h) <u>CHP</u> : Track hopper RCC work is in progress. TP# 1& 2 & Crusher house Structure fabrication & erection is in progress. i) MGR civil works under progress j) <u>AHP</u> : AW and Ash slurry pump house, RCC work is in progress. k) <u>ID Cooling Tower</u> : Mechanical rection in progress. l) <u>CW Pump house</u> : RCC & CW duct erection work is in progress. m) DM plan- 1 st stream commissioned in 04/10
	Unit-1	600	<u>11/10</u> (02/11)	03/1 1	<u>03/11(A)</u> 2 (05/11)	05/11	Unit-1 a) Boiler erection started on 20 th Dec.08. b) Boiler drum lifing completed on 18.08.09. c) HT completed on 27.03.10 d) Condenser erection started on 30.09.09. e) TG: Erection started on 15.12.09. f) Generator Stator placed in position.
	Unit-2	600	<u>03/11</u> (06/11)	07/1 1	<u>06/11</u> (07/11)	07/11	Unit-2 a) Boiler erection started on 25.2.09. b) 5 th tier erection is in progress. c) Structural steel fabrication started and 150MT is under dispatch. d) Boiler drum lifting completed on 23 rd September, 09 e) Condenser erection commenced 28.04.10 • TG erection commenced on 27.04.10
	Date of TEC	Not Required					
	Date of approval by State Govt.	NA					
	Est. approved cost	Rs. 411480 lakhs					
	Latest Est. Cost	Rs. 411480 lakhs					
	Exp Upto 31.03.2008	Rs. 48900 lakhs.					
	Exp Upto 31.03.2009	Rs. 84700 lakhs					
	Exp Upto 31.03.2010	Rs. 162700 lakhs					
	Total Exp. Upto 31.03.2010	Rs. 296300 lakhs					
	Total Exp. May, 2010	Rs. 313400 lakhs					
	Financial Closure	Achieved on 24th Nov’07 with REC.					
	Type of fuel	Coal					
	Coal Linkage	Yet to be finalized with CIL/NCL					
	Date of main plant order	EPC contract on M/s Lanco Infratech Ltd.(LIL) on 15.11.07. BTG supply package contract placed on M/s Dongfang Electric Co., China in Nov’07.					
	Zero date	23 rd Nov’07.					
	Power Evacuation system	400KV & 765 KV Transmission system					
					</		

BROAD STATUS OF THERMAL POWER PROJECTS IN GUJARAT

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Comm	Syn)	Comm	
3.	Hazira CCPP (Gujarat State Energy Generation Limited), Surat	351					1. All statutory clearances are available. 2. Zero date of the project is 23.01.08. 3.HRSG erection started on 15.04.09. IP&LP drum lifted on 09.11.09 & 16.11.09 respectively. HP drum lifting completed in 03/10. HT completed in 01/11. 4. Flange to flange gas turbine has reached at site from GE USA. GTG supply from Haridwar now completed. GT erection started on 31.03.10.GT FSNL is expected in 06/11. 5. HP&IP received at site on 16.11.10. and LP is received at site in 12/10.. STG deck is ready. ST erection started in 11/10. STG Box up is expected in 05/11. 6. There is no provision of by pass stack hence GT can not run in open cycle. 7. Commissioning in combined cycle is expected in 09/11.
GT	223	02/10	02/10	06/11	06/11		
ST	128	03/10	04/10	07/11	09/11		
Org.Est. cost		Rs. 115200 Lakhs					
Latest cost		Rs. 115200 Lakhs					
Exp. Upto 03/09		Rs. 35000 Lakhs					
Exp. During 09-10		Rs. 20000 Lakhs					
Exp. During 10-11 (Upto 03/11)		Rs. 11000 Lakhs					
Cumm. Exp up to 03/11		: Rs. 66000 Lakhs					
Financial closure		Achieved on 27.12.07					
Type of fuel		: Natural Gas					
FSA		: FSA signed with GSPC					
Date of Main Plant Order		: 29.12.07 on M/s BHEL (EPC) through ICB route.					
Zero date of the project		: 23.01.08					
Power Evacuation System:		Existing system sufficient.					
	Critical Areas	BHEL site staff need be augmented with senior, Cable trenches are on critical path Supply of balance material for LP rotor, CW pumps, Start up power .					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Comm	Syn.	Comm	
4	Pipavav CCPP ,Ph-I,GSPC PIPAVAV Power Cop.Ltd. Distt: Amreli GPPC	702					1.All required clearances are available. 2. On 08.08.09 , truck carrying GT-1 from Mnudra port to Pipavav site fell into river due to collapse of 3 rd span slab of the bridge over Shetrunji river near Bhavnagar (about 100 km from site). CMD, BHEL confirmed that new GT will be supplied to the site. 3. HRSG-1&2: HRSG -1 erection started on 24.11.09.Erection of HRSG-2. started in 02/10. 4. HRSG-1 , HT is expected in 05/11. HT for HRSG-2 is scheduled in 07/11. 5. GT-1&2: GT-1 erection start is expected in 05/11. GT-2 erection start is expected in 08/11. 6.Supply of GT-1 is expected by 05/11 and GT-2 by 07/11. 7.STs : HP-IP turbine received at site and LPT is still under manufacturing 8. ST-I supply of HP&IP completed LP is still awaited.ST erection start is expected in 05/11. ST-II supply is expected in 05/11 and its erection start is expected in 06/11. 9. There is no provision of by pass stack hence GTs can not run in open cycle.
Block-I	351	07/10	09/10	11/11	11/11		
Block-II	351	10/10	11/10	11/11	01/12		
Date of TEC	: Not Required						
Org.Est. cost	: Rs.235429 Lakhs						
Latest cost	: Rs.249834 Lakhs						
Exp. Upto 03/08	: Rs. 23213 Lakhs						
Exp. During 08-09	: Rs. 297.18 Lakhs						
Exp. During 09-10	: Rs. 70756 Lakhs						
Exp. During 10-11	: Rs. Lakhs						
Financial closure	: 24/01/08						
Type of fuel	: Natural Gas(base fuel)/LNG (3.2 mcmd gas from GSPC)						
Source and supply of Fuel	: Gas supply agreement with M/s GSPC and Gas transportation agreement with M/s GSPL						
Date of Main Plant Order	: LOA on 27 /12 /07 , BHEL (actual order in March 08)						
Zero date of the project	: 29/03/08						
Notice To Proceed(NTP)	:29.03.08						
Power Evacuation	: 3 Double Ckt 220 kV line to be erected by GETCO: 1. Pipavav-Saverkundlaline.2.Pipavav- Dhokabada line.3. Pipavav- Mahuva line						
	Critical Areas	Readiness of Sea water Intake & outfall system, Supply of ST for Block-II and TG box –up critical. BHEL/BJCL is slow in execution of civil works., Pedestal bearing yet to be supplied					
1.	UkaiTPS Extn. Distt. Unit-6 GSECL, Gujarat	500					1. MOE&F clearance obtained on 13.06.08 2. All clearances received. 3. PPA under finalization. 4. Coal allocated from captive mines- Machhakata in Orissa. 5. Boiler &ESP erection work under progress, T.G deck completed. 6. Civil work of power station building, chimney, cooling tower, cooling water pump house is under progress. 7. Boiler erection started in 06.05. 09. 8. Boiler Drum lifted on 31.12.2009. 9. Hydraulic test on 13.10.10.
	Unit-6	500	<u>12/10</u> <u>01/11</u>	<u>02/11</u>	<u>01/12</u> <u>01/12</u>	<u>02/12</u>	
	Date of TEC	: Not Required					
	Org.Est. cost	: Rs. 193700 Lacs					
	Latest cost (10/08)	: Rs. 221800 Lacs					
	Exp. During 07-08	: Rs. 11750.00 Lacs					
	Exp. During 08-09	: Rs. 23484.36 Lacs					
	Exp. During 09-10	: Rs. 47076.96 Lacs					
	Exp. During 10-11 (Up to 12/10)	: Rs. 29038.00 Lacs					
	Cumulative Exp (up to 12/10)	: Rs. 111349.32 Lacs					
	Financial Closure	: 21.09.07					
	Type of fuel	: Coal					
	Date of Main Plant Order	: 07.09.07 .on M/s BHEL (EPC)					
	Zero Date of the Project	: 06.10.07					
	Critical Areas	Inadequate man power by M/s ERA, Slow civil works, Delay in supplies: Gen. rotor, CC pumps, CW pupms, ACW pumps. Coal bunker fabrication & erection.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Comm	Syn.	Comm	
Private Sector							
1.	Mundra TPP, Ph-II (Distt:Kutch) M/s Adani Power Ltd.	1320					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Design & Engineering is in progress. 4. All the BOPs are included in EPC contract.
	Unit-1	660	01/11	04/11	12/10(A)	12/10(A)	Unit-1
	Unit-2	660	06/11	08/11	06/11	08/11	Unit synchronized on 22.12.10.Coal firing achieved on 22.12.10.Full load achieved on 26.12.10.
	Date of TEC			: Not Required		Unit-2	
	Date of Approval by State Govt.			: N.A.		Boiler	
	Org.Est. cost			: Rs.579600 lakhs		1. Boiler erection started on 02.12.08.	
	Exp. upto 03/08			: Rs.81286 lakhs		2. Boiler HT completed on 19.02.11.	
	Exp. During 08-09 (Up to 11/08)			: Rs. 72745 Lakhs		3. BLU is expected by 20.05.11.	
	Financial Closure			: Achieved in 12/07		TG	
	Type of fuel			: Imported Coal		1. Condenser erection started on 01.02.10	
	Fuel Linkage			: Imported coal from Indonesia		2. TG box up is completed in 12/10.	
	Date of Main Plant Order (Boiler-Harbin, China) (TG-Dong Fang)			EPC Contract awarded to SEPCO III China on 06.09.07			
	Zero date of the project			: 06.09.07			
	Power Evacuation System: Progressing as per schedule						
	Critical Areas	Work progress is affected due to non-availability of Visa for Chinese Experts, AHP work slow.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A) / As now Expected			
			Syn.	Com	Syn.	Com.		
2.	Mundra TPP, Ph-III (Distt:Kutch) M/s Adani Power Ltd.	1980					1. All clearances are available. 2. Zero date of the project is 01.01.08. 3. Design & Engineering is in progress. 4. All the BOPs are included in EPC contract. Civil works are in progress.	
	Unit-1	660	04/11	06/11	07/11	08/11	<u>Unit-1</u> <u>Boiler</u> 1. Boiler erection started on 18.02.09. 2. Boiler HT completed in 04/11. 3. BLU expected in 06/11.	
	Unit-2	660	07/11	08/11	08/11	09/11		
	Unit-3	660	09/11	10/11	11/11	12/11		
	Date of TEC		: Not Required				<u>TG</u> 1. Condenser erection started on 30.04.10. 2. Generator stator positioned on 07.12.10. 3. TG Box Up completed on 30.03.11.	
	Date of Approval by State Govt.		: N.A.					
	Org.Est. cost		: Rs. 896000 lakhs					
	Exp. upto 03/08		: Rs. Nil lakhs				<u>Unit-2</u> <u>Boiler</u> 1. Boiler erection started on 25.06.09. 2. Boiler HT expected in 05/11. 3. BLU expected in 07/11.	
	Exp. During 08-09 (Up to 11/08)		: Rs. 62891 Lakhs					
	Financial Closure		: Achieved					
	Type of fuel		: Imported Coal				<u>TG</u> 1. TG deck casting completed on 31.05.10. 2. Condenser erection started on 26.08.10. 3. Generator stator positioned On 02.12.10. 4. TG box up is expected in 06/11.	
	Fuel Linkage		: Imported coal from Indonesia					
	Date of Main Plant Order (Boiler-Harbin, China) (TG-Dong Fang)		EPC Contract awarded to SEPCO III China on 01.01.08					
	Zero date of the project		: 01.01.08				<u>Unit-3</u> <u>Boiler</u> 1. Boiler erection started on 26.09.09. 2. Boiler HT expected in 08/11. 3. BLU expected in 10/11.	
	Power Evacuation System: Progressing as per schedule						<u>TG</u> 1. Condenser erection started on 01.01.11. 2. TG box up expected in 08/11.	
		Critical Areas	Work progress is affected due to non-availability of Visa for Chinese Experts. Clearance to operate the unit w/o FGD would be required(FGD behind the schedule)					

BROAD STATUS OF THERMAL POWER PROJECTS IN MAHARASHTRA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Com.	Syn.	Com.	
II PROJECTS UNDER CONSTRUCTION							
STATE SECTOR							
1.	Khaperkheda TPS (Distt. Nagpur) MSPGCL	500					1.Zero date of the project is 23.07.07. 2. All required clearances are available. 3. Financial closure achieved on 26.05.06. 4. Orders for all BOPs on EPC basis placed on M/s BGR Energy Systems Ltd. on 03.07.07.
	Unit - 5	500	03/10	06/10	03/11 (A)	05/11	Boiler 1. Boiler erection started on 12.02.8. 2. Boiler Drum lifted on 28.11.08. 3. HT completed on 05.11.09. 4. BLU completed on 27.10.10. 5. EDTA completed on 18.11.10. 6. SBO started on 09.01.11 completed on 06.02.11. 7. Oil synch. achieved 31.03.11. 8. Coal firing achieved with contingency arrangement on 31.03.11.
	Date of TEC	: Not Required					
	Date of Approval by State Govt.	: 12.05.06					
	Est.Proj. cost.	: Rs. 217000 Lakhs					
	Latest Est. cost	: Rs.322000 Lakhs					
	Exp. During 2006-07	: Rs.6000 Lakhs					
	Exp. during 2007-08	: Rs.28760 Lakhs					
	Exp. during 2008-09	: Rs.77680 Lakhs					
	Exp. during 2009-10	: Rs.968291Lakhs					
	Exp. during 2010-11	: Rs.82294Lakhs					
	Exp. during 2011-12	: Rs. Lakhs					
	Total Exp. (Upto 03/11)	: Rs. 291563Lakhs					
	Type of fuel	:Coal					
	Fuel Linkage	:2.312MTPA from MCL/Talcher					
	Financial closure	: Achieved on 26.05.06 Equity : GO Maharashtra Rs434 crs Loan : PFC Rs. 1753Crs..					
	Date of Main Plant Order	: M/S BHEL on 23.01.07 (BTG +Electrical)					
	Power Evacuation System: Existing 400kV line.						
	Critical Areas	Station Transformer now charged on 18.08.10. AHP : lagging Dispute with nearby villagers					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Com.	Syn.	Com.	
2.	Bhusawal TPS (Distt. Jalgaon) MSPGCL	1000					1. Zero date of the project is 23.01.07. 2. All required clearances are available. 3. Financial closure achieved on 27.07.06. 4. Orders for all BOPs on EPC basis are placed on M/s TPL on 05.11.07. 5. Temporary chimney completed on 23.11.10.
	Uni-4	500	05/10	09/10	05/11	06/11	Unit-4 Boiler 1. Boiler Foundation handed over on 10.03.08. 2. Boiler erection started on 26.03.08. 3. Boiler Drum lifted on 09.01.09. 4. Boiler HT completed on 31.03.10. 5. BLU completed with temporary chimney on 05.03.11.
	Uni-5	500	09/10	01/11	08/11	09/11	6. SBO started on 02.04.11 and completed on 20.04.11. 7. Normalization is in progress. 8. Oil synch. is expected on 05.05.11.
	Date of TEC	: Not Required					TG 1. Condenser erection started on 14.03.09. 2. TG erection started on 30.04.09. 3. TG box up completed in 03/11. 4. TG put on barring gear on 27.03.11.
	Date of Approval by State Govt.	: 12.05.06					Unit-5 Boiler 1. Boiler Foundation handed over on 26.05.08. 2. Boiler erection started on 03.08.08. 3. Boiler drum lifted on 20.04.09. 4. Boiler HT completed on 30.06.10. 5. BLU expected in 06/11. 6. SBO completion is expected in 08/11.
	Est.Proj. cost.	: Rs. 412400 Lakhs					TG 1. Condenser erection started on 29.10.09. 2. TG erection started on 17.12.09. 3. TG box up is expected in 06/11. 4. TG barring gear is expected in 07/11.
	Latest Est.Cost	: Rs. 489000 Lakhs					
	Exp. during 2006-07	: Rs. 15800 Lakhs					
	Exp. during 2007-08	: Rs. 34610 Lakhs					
	Exp. during 2008-09	: Rs. 114500Lakhs					
	Exp. during 2009-10	: Rs. 110000 Lakhs					
	Exp. during 2010-11	: Rs. 117652 Lakhs					
	Exp. during 2011-12	: Rs. Lakhs					
	Total Exp.(Upto 03/11)	: Rs 392562Lakhs					
	Type of fuel	:Coal					
	Fuel Linkage	:2.4MTPA from MCL coal mines at Talcher/IB.					
	Financial closure	: Achieved on 27.07.06 Equity : GO Maharashtra Rs825 crs. Loan : PFC Rs. 3693Crs.					
	Date of Main Plant Order	: M/S BHEL on 23.01.07 (BTG +Electrical)					
	Power Evacuation System: Existing 400kV/220 kV lines.						
	Critical Areas	Damage of flue canes during chimney accident.					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Com.	Syn.	Com.	
PRIVATE SECTOR							
1.	JSW Energy(Ratnagiri) Limited, TPP at Jaigad (Distt. Ratnagiri) JSW Energy(Ratnagiri) Limited	1200					1. All required clearances are available. 2. Zero date of the project is 04.07.07. 3. Order for all the BOPs have been placed. 4. Mega Power status is yet to be received. 5. chimney # 1: Flue -1 ready for operation. 6. Chimney # 2: Outer shell completed in 03/09. Structural fabrication and erection completed. Flue and brick lining work is in progress. 7. IDCT # 1- 4: all civil works completed. 8. 92% overall material for 4 units received at site upto 12/09. 9. Start up power received on 17.04.10 Unit-1 : Synchronized on 21.06.10.Coal firing achieved on 04.07.10.Unit commissioned on 24.08.10. COD achieved on 01.09.10. Unit-2 : Synch. on oil on 24.11.10. Coal firing achieved on 26.11.10. Full load achieved on 09.12.10. Unit-3 Synchronized on 28.04.11.Coal firing achieved on 30.04.11.Unit commissioned on 06.05.11. Unit-4 Boiler 1. A total of 31% material erected upto 12/09. 2. Boiler erection started in 03/09. 3. Boiler drum lifted in 08/09. 4. Boiler HT completed in 06/10. 5. BLU expected in 05/11. TG 1. TG erection started in 12/09. 2. TG box up is expected in 05/11.
Unit - 1	300	12/09	03/10	06/10(A)	08/10(A)		
Unit - 2	300	02/10	05/10	11/10(A)	12/10(A)		
Unit - 3	300	04/10	07/10	04/11(A)	05/11(A)		
Unit - 4	300	06/10	09/10	05/11	06/11		
Date of TEC		: Not Required					
Date of Approval by State Govt.		: 10.06.05					
Original Est. cost.		: Rs- 450000 Lakhs					
Latest Cost		: Rs. 450000 Lakhs					
Exp. During 07-08		: Rs. 52200 Lakhs					
Exp. During 08-09		: Rs. 97200 Lakhs.					
Exp. During 09-10		:Rs.250600 Lakhs					
Exp. During 10-11		:Rs.					
Type of fuel		: Imported Coal					
Fuel Linkage		Imported Coal (very low Sulphur & Ash content)					
Financial closure		: Achieved on 02.08.07					
Date of Main Plant Order		: M/sShanghai Electric Power Generation Company, China on 04.07.07 (BTG) under –ICB route					
		BOP contract awarded to SEW- ABB-EDAC consortium with EDAC as lead partner.					
Power Evacuation System:		There are two 400kV lines : (1) New KOYNA Line (2) KARAD Line. Order for both the lines placed on M/s L&T on 02.07.08. The work is lagging behind the schedule.					
Critical Areas		Non availability of SEC (Chinese) supervision team at site due to visa problem is hampering project schedule.Permission to synchronization is yet to be accorded. Readiness of second transmission line(06/11)					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Com.	Syn.	Com.	
2.	Tirora TPP ,Ph-I (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	1320					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Mega status requested for the project. 4. Design & Engineering completed. 5. The order for all the BOPs have been placed and progressing as per schedule.
	Unit-1	660	03/11	04/11	08/11	09/11	Unit-1 Boiler
	Unit-2	660	06/11	07/11	11/11	12/11	1. Boiler erection started on 07.10.09. 2. Boiler HT completed in 03/11. 3. BLU expected on 26.03.11. 4. BLU expected in 07/11.
	Date of TEC	: Not Required					
	Date of Approval by State Govt.	: N.A.					
	Org.Est. cost	: Rs.926300 lakhs(Incd.Ph-II,U-1)					
	Exp. upto 03/08	: Rs. 2230 lakhs					
	Exp. During 08-09 (Up to 11/08)	: Rs. 18992 Lakhs					
	Financial Closure	: Achieved on 20.08.09					
	Type of fuel	:Coal					
	Fuel Linkage	:Imported Coal (very low Sulphur & Ash content)					
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)	BTG Contract awarded to SCMEC China on 28.02.08					
	Zero date of the project	: 28.02.08					
	Power Evacuation System: yet to start						
	Critical Areas	Accordance of Mega Status. Power evacuation system. Chinese visa issue. Tapering Linkage/Coal block in lieu of Lohara mines needs to be expedited					
3.	Tirora TPP ,Ph-II (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	660					1. All clearances are available. 2. Zero date of the project is 06.09.07. 3. Design & Engineering is in progress. 4. Foundation works awarded, work to commence in 01/09. 5. The order for all the BOPs have been placed and progressing as per schedule.
	Unit-1	660	09/11	10/11	12/11	01/12	Unit-1 Boiler
	Date of TEC	: Not Required					
	Date of Approval by State Govt.	: N.A.					
	Org.Est. cost	: Included in Ph-I cost					
	Exp. upto 03/08	: Rs. lakhs					
	Exp. During 08-09 (Up to 11/08)	: Rs. Lakhs					
	Financial Closure	: Achieved on 18.09.09					
	Type of fuel	:Coal					
	Fuel Linkage	Imported Coal (very low Sulphur & Ash content)					
	Date of Main Plant Order (Boiler-Babcock, China) (TG-BSTG,China)	BTG Contract awarded to SCMEC China on 28.02.08					
	Zero date of the project	: 28.02.08					
	Power Evacuation System: Yet to start						
	Critical Areas	Power evacuation system. Chinese visa issue. Tapering Linkage/Coal block in lieu of Lohara mines needs to be expedited					

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn.	Com.	Syn.	Com.	
4.	Tirora TPP ,Ph-II (Distt: Gondia) M/s Adani Power Maharashtra Pvt. Ltd.	1320					1. All clearances are available. 2. Zero date of the project is 05.11.09. 3. Design & Engineering is in progress. 4. The order for all the BOPs have been placed and progressing as per schedule.
	Unit-2	660	05/12	07/12	05/12	07/12	Unit-2 Boiler 1. Boiler erection started on 06.12.10. 2. Boiler HT expected in 09/11.
	Unit-3	660	08/12	10/12	08/12	10/12	TG 1. Civil works are in progress. 2. TG erection start is expected in 06/11.
	Date of Letter of support from State Govt.		: 17.02.10				Unit-3 Boiler 1. Boiler erection start is expected on 04.01.11. 2. Boiler HT expected in 12/11.
	Org.Est. cost		: Rs.				TG 1. Condenser erection start is expected in 09/11.
	Exp. upto 03/10		: Rs.				
	Exp. During 10-11 (Up to 10/10)		: Rs.				
	Financial Closure		: Achieved on 20.08.09				
	Type of fuel		:Coal				
	Fuel Linkage		:				
	Date of Main Plant Order (BTG is being sourced from SEC China)		EPC Contract awarded to SCMEC China on 05.11.09				
	Zero date of the project		: 05.11.09				
	Power Evacuation System: The power will be evacuated through 400kV Double Circuit line with quad conductor from Tirora to Warora and 765kV transmission system from Tirora to Koradi to Akola to Aurangabad. The construction of 400kV Double Circuit line is in full swing.						
	Critical Areas		Coal Allocation/ Linkage for Unit#2 & Unit#3				

BROAD STATUS OF THERMAL POWER PROJECTS IN MADHYA PRADESH

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) / As now Expected		
			Syn. Comm	COD	Syn. Comm	COD	
II. PROJECTS UNDER CONSTRUCTION							
STATE SECTOR							
1.	SatpuraTPS Extn.(Sarni) (Dist. Betul) MPPGCL	500					• MOEF clearance obtained on 27.02.09. • M/s Desein, Delhi has been appointed as Project Consultant. • Main plant civil works started on 27.11.09 by M/s Sunil Hitech. • LOA for BOP package placed on M/s McNally Bharat engg. (MBEL) Kolkatta on 3.04.10. • Evacuation works on NDCT and Wagon Tripler are under progress. • Chimney: Raft completed. • Coal Linkage issued by WCL on 13.07.10 for coal quantity of 1.85 mtpa. • LOA issued on NTPC in 6/10 for project monitoring services. Unit-10 • LOI for boiler erection is placed on M/s Indwell in 2/10 by BHEL • Boiler erection started on 8/ 04/10. • Drum lifted in 12/10. • TG deck casting completed on 26.3.11. Unit-11 • Boiler erection started on 1/ 07/10. • Drum lifted in 2/11. • TG deck column casting is under progress.
Unit-10	250	01/12 02/12	03/12	04/12 05/12	06/12		
Unit-11	250	03/12 04/12	05/12	05/12 07/12	08/12		
State Govt. approval		: Accorded on 29.06.06					
Org Est. approved cost		: Rs. 235000 Lakhs					
Latest Cost		: Rs. 303234 Lakhs					
Exp.2007-08		: Rs. 15141 Lakhs					
Exp. 2008-09		: Rs. 89 Lakhs					
Exp. 2009-10		: Rs 10583 Lakhs					
Exp. 2010-11		: Rs 57197 Lakhs					
Cumulative Exp Till 3/11		: Rs 83010 lakhs					
Zero Date		:27.02.09					
Date of Fin. Closure.		: Yet to be achieved					
Type of fuel		: COAL(Linkage awaited)					
Date of Main Plant Order		: LOA placed on 31.03.08 on M/s BHEL (BTG)					
Critical Areas		Escrow cover for PFC.					

BROAD STATUS OF THERMAL POWER PROJECTS IN ANDHRA PRADESH

Sl. No.	Project Details	Cap. (MW)	Commissioning Schedule				Broad Status
			Orig.		Act.(A)/As Now exp.		
			Syn. Com	COD	Syn. Com	COD	
2.	Kothagudem TPS St.VI Unit-11 M/s APGENCO Distt. Khammam Unit-1	500					•Order for main plant placed on M/s BHEL on 22.02.07. •Boiler erection started on 10.04.08 by Indwell.. •Boiler drum lifted on 18. 08.08. •Boiler hydraulic test completed on 23/10/09. •Boiler light up completed on 14th Oct'10. •SBO of feed water line completed, HRH &CRH steam blowing & hydraulic test in progress. •ESP erection work started on 30.04.08 by Indwell. •Condenser erection commenced on 23rd Nov'09 and tube insertion completed. Preparation for condenser hydraulic test in progress. •TG erection commenced on 3rd Dec'09. •LP Rotor received at site on 22nd Nov.10. Initial alignment of LP,IP&HP rotors completed. •TG box up done in Dec'10. •Unit synchronized on 30-03-11 and achieved a load of 136 MW on two mills. •One TDBFP is ready and other is expected by 31-05-11. •Orders for BOPs including civil works placed on M/s BGR Energy Systems Ltd. on 23.02.08. •Chimney works completed. •NDCT: Shell concreting upto 103 lifts completed. Internal fill columns pre-cast beams erection in progress. •CHP: One stream is ready , other would get ready by 05/11. 4 mills are ready, other three are in progress. •AHP works are in progress. •FD Fan –B, ID Fan-B,trial run completed. •ESP control room finishing works are in progress. •Works of Compressor house, 400 kV switchyard are in progress. •Works of Ash Pump house control room, switch gear room & blower room in progress. •HFO tank filling & HFO pumps commissioning in progress.
	Org. Est. Cost :	Rs.216400 lakhs					
	Latest. Est. Cost	Rs.232507 lakhs					
	Expenditure up to 3/07	Rs. 8952 lakhs					
	During 2007-08 :	Rs. 16191 lakhs					
	During 2008-09 :	Rs. 77810 lakhs					
	During 2009-10 :	Rs. 68212 lakhs					
	During 2010-11 :	Rs. 7465 lakhs (Upto 08/10)					
	Financial closure	PFC sanctioned loan amount of Rs 1762 Crs.					
	Fuel (Coal) Linkage :	SLC (LT)-2.31 MTA from MCL.					
Power Evacuation :	Kothagudem-Khammam 400 Kv D/C line						
Order Date :	Placed on BHEL on 22.02.07.						
Zero date:	22.02.07						
Critical Areas		• Initial delay in start of boiler erection due to delay of boiler foundations completion by BGR Energy (Systems) Ltd. • Supply & erection of material by BHEL. • Due to shortage of welders, fitters, rod benders and erection supervisors BDL, HT activities delayed by more than 6 months. • Initial delay of BOP works by BGR. Occasional problems like cyclones which disrupts the work.					

BROAD STATUS OF THERMAL POWER PROJECTS IN KARNATAKA

Sl. No.	PROJECT DETAILS	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A) now expected		
			Syn. Comm	COD	Syn. Comm	COD	
STATE SECTOR							
1.	Bellary TPP St-II Distt. : Bellary M/s Karnataka Power Corpn. Ltd	500					- Boiler erection started on 17.11.08 and in progress. Drum lifted on 06/04/09. HT completed on 25th Jun'10.BLU completed on 04.02.11.EDTA completion by 03/11.SBO expected to complete by 05/11. - Erection of A&B motor for mills, Motors of PA fan(A&B) & ID fan(A) in progress. - ESP erection started on 19.10.08.6215/7952 MT erected. - Power cycle piping erection in progress. - Fabrication & erection of power house, bunkers and fabrication of structural steel columns & beams in progress. Chimney – Completed. NDCT: All works completed. Condenser erection commenced on 31.03.10. TG erection commenced in Jun'10.Bearing pedestals and LP base plate alignment in progress. HP turbine erected. IP outer casing lower half erected. TG box-up expected by 15th July'11. CWPH : Pump floor slab & motor floor slab concreting completed. Columns work in progress. Laying and encasement of CW pipes in progress. Clarified water pump house tank portion completed, columns work in progress. DM Plant: Brick work & plastering in progress. Cable chase & equipment foundations in progress.DM Plant completion by Aug'11. PT plant: clarifloculator works in progress. Completion expected by 07/11. FO System: completion expected by 05/11. - CHP: Erection of structural steel members for JT -5,6,7,8 & 10 in progress. Conveyor gallery 22A&B foundation in progress.23A/B civil works completed. Stacker re-claimer foundation in progress. Works of wagon tippler-3 & crusher house-2 in progress. Fabrication & erection of CHP structures in progress. Path-1 is expected to be ready by 15/9/11. AHP: Ash slurry pump house, Vacuum pump house, collector tank and silo works are in progress. Bottom ash hopper back filling in progress. AHP wet system is expected to be ready by 30/7/11. ESP control room works in progress. MDBFP reinforcement work in progress. TDBFP civil works completed. - AC & Ventilation system, Fire protection system works in progress. - Synchronisation on oil expected by 10/8/11 and on coal by 20/9/11.
	Unit-2	500	<u>11/10</u> 01/11	02/11	<u>08/11</u> 09/11	10/11	
	Date of TEC	: NA					
	Sanctioning Authority	: State Govt.					
	Date of Approval by State Govt.	: 15.06.2002					
	Estd. cost	: Rs.226100 Lakh					
	Latest Estd. Cost	: Rs. 226100 Lakh.					
	Exp .during 2006-07	: Rs.19.87 Lakh					
	Exp. During 07-08	: Rs. 16773.19 Lakh					
	Exp. During 08-09	: Rs.37594.43Lakhs					
	Exp.During 09-10	: Rs. 35229.39 lakhs					
	Exp.During 10-11 up to 02/11	: Rs. 33355.15 lakhs					
	Financial Closure	: -----					
	Type of fuel	: Coal (CIL/MCL)					
	Date of Main Plant Order	: 31.08.06					
	Order	: BHEL (EPC)					
	Zero Date	: 19.09.2007					
	Critical Areas	- o Late receipt of boiler drum from BHEL. - o Delay in supply & erect-ion of equipment by BHEL. - o Late finalization of civil & BOP packages by BHEL particularly CHP due to change of scope. - o Slow progress of works in CHP and AHP areas.					

BROAD STATUS OF THERMAL POWER PROJECTS IN TAMIL NADU

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
STATE SECTOR								
1	Mettur TPS St-III TNEB (Distt. Salem)	600					•TNEB permitted to draw 76 cusecs of raw water for St.- I,II &III from Cauvery River. •MOEF clearance accorded on 18.09.07 for 500 MW. Capacity enhanced there after. •M/s DCPL, Chennai is consultant. •Financial tie up made with PFC for Rs2664 cr •Chimney (Haygreeva Ltd.) Shell construction (275 Mtr) completed. Corbel concreting & out side platform work in progress. •NDCT: (Haygreeva Ltd.) Shell construction completed. Hot raiser pipe line work in prg •CHP: Civil work in CH, JT, stacker re-claimer in progress. Strl work in PCH, SCH, JT & tacker re-claimer in progress. •AHS: Excavation work for fly ash silo & dry bottom conveyer system is in progress. •RWPH: Civil work in RWPH, clariflocculator, pump house, PTP chemical house & sludge pumps in progress. •Clarified water tank raft RCC cast. Column construction and centering work in pump house in progress. •CWS CWPB Fore bay, raft, pump floor, str & roof work in progress. Pumps to be received. •F.O: Pump house nearing completion, pipe rack pedestals in progress. Pump erection completed. •DM Plant: Equipment pedestal work , Piping erection in progress. Tank fabrication complt. •Blr: Erection commenced on 29.09.09. Column work completed, drum lifted on 25.2.10. Heaters and re-heater coil pre-assembling work in progress. 10110/14350 MT fabricated & 7115 MT pressure part material erected. •HT: Completed on 25-02-2011. •BLU: expected in 05/ 2011 •Box-up: expected in May, 2011 •ESP: All pedestals completed. ESP control room work in progress. •STG: Condenser ‘A’ erected & ‘B’ in progress. TG erection started on 03-09-10 •STG building: BC Floor beam erection in progress. Condenser erection started in 1/11. •Switchyard: 220 & 400 kV GIS bldg work completed. Outside equipment installation work in progress. HT cable laying to be started.	
	U-1	600	04/11 06/11	07/11	06/11 06/11	09/11		
	Date of Sanction	: 01.08.2007						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Original Est. cost	: Rs 355000 Lakh						
	Est. cost	: Rs 355000 Lakh						
	Exp. During 2007-2008	: Rs - NIL- Lakh						
	Exp. during 2008-2009	: Rs 3869 Lakh						
	Exp. during 2009-2010	: Rs 51129 Lakh						
	Exp. during 2010-2011 (upto 02/2011)	: Rs 134781 Lakh						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 25.06.2008 (EPC) on M/s BGR Energy- System Ltd. / M/s DEC, China.						
Zero Date	: 25.06.2008							
FUEL LINKAGE :	: Coal linkage for 2.31MTPA is available from Mahanadi coal fields vide Coal India LOA dt. 23.03.2007 for 500MW. LOA for additional requirement for balance 100MW i:e 0.73MTPA is awaited.							
	Evacuation of power:							
	400 KV lines							
	i) MTPS St-III – Arasur D/C line.							
	ii) MTPS St-III – Singarapet D/C line.							
	230 KV lines							
	i) LILO of MTPS to Gobi line.							
	ii) LILO of Malco to Pallakkapalayam line.							
	Estimates approved. Work to be completed by July 2010.							
	Critical Areas	Project assessment is delayed by 2 months due to delay in CHP, Raw water pump house, CWPB. TG box up critical, Slow progress of work in CHP and AHP areas.						

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
2	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-1	1200					- Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 19.01.08 Main Plant order (EPC) Placed on M/s BHEL on 18.02.08. CPCB: clearance obtained on 26.12.06. Civil Aviation: clearance obtained on 09.10.06 Chimney: (M/s Lanco Infra. Ltd.) Shell concreting completed. Flue-cans erected for U-1. Flue-cans erection for U2 is in progress. CHP: (M/s Tecpro system ltd.) Steel fabrication in prg. 2029/2500 MT fabricated and 480 MT erected. 95% material received. AHP: (M/s Macawber Beekay in Oct'09 and July 10) Super structural work of compressor house, Vacuum pump house & fly ash silo in progress. Civil foundation completed for bottom AHS. Supply of material commenced. CW System: About 59% PH and intake work completed. 85% hot water channel work completed. Supply of pumps to be started in March by BHEL. CT: Due to once through cooling system Cooling Tower is not applicable. RO/DM plant: Order placed on 10.12.10 on Paramount Civil work in progress. PTP: is not required. CMWS&SB supplies treated water. F.O. System: Existing St-I F O tanks to be utilized for St-II 71% pump house super structure work completed upto 04/11. FPS: Dispatch of equipment commenced Most of the items received at site. Switchyard: Control room Civil works commenced on 01.02.10. EOT crane being erected. Unit-1: Boiler (M/s EDAC): Erection commenced on 1.06.2009. Out of 25000 MT of boiler material, 4233 MT has been erected up to 04/11. - Boiler drum lifted on 12.04.10 - Boiler pressure parts erection in progress. Out of 10214 MT materials 3376 MT erected up to 03/11. HT expected in 06/11. BLU: Expected in 11/ 2011 Box-up: Expected in 12/ 2011 ESP erection commenced on 05.06.2009. Out of 11267 MT of ESP materials 5501 MT erected up to 04/11. - Power house super structure is in progress. 4785/5000 MT material fabricated & 3350 MT erected by 10/10. STG deck: TG deck concreting completed. 5620MT out of 5750 MT material fabricated and 5269 MT erected by 04/11	
		600	<u>02/11</u> 04/11	05/11	<u>01/12</u> 02/12	02/12		
	Date of Sanction	: 12.12.2005						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Org. Est. cost	: Rs.339800 Lakh						
	Latest Est. cost	: Rs.355200 Lakh						
	Expd.during 2007-08	: *						
	Expd.during 2010-11	: Rs 141200 Lakh						
	Expd.during 2011-12 (up to April 2011)	Rs 12331 Lakh						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 18.02.2008 (EPC) on M/s BHEL						
	Zero Date	: 18.02.2008						
	FUEL LINKAGE : (2x600MW) 2.31 MTPA coal linkage from Mahanadi Coal fields was approved vide LOA dt 23.03.2007 for 500MW. LOA for balance 700MW i.e. 3.77 MTPA is yet to be received. Evacuation of power SRPC approved following 400KV feeders on 06.03.2009. i) NCTPS St-II – Alamathi 400KV D/C line (37 Kms) ii) NCTPS St-II – Sunguvachatram 400KV D/C line (70 Kms) D/C link between Vallur TPS and NCTPS available. TNEB is in process of evolving estimate for these lines. * Funding arrangement has been signed between REC, BHEL and TNEB. Procedural formalities are under finalization. Expenditure shall be booked thereafter.							
	Critical Areas		1) Finalization of loan agreement for Unit-I. 2) Supply of Turbine Modules by BHEL 3) Turbine module dispatched in Feb 2011 TG erection not yet started.					

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status	
			Original		Actual(A)/ As now Expected			
			Syn. Comm	COD	Syn. Comm	COD		
3	North Chennai TPS St-II TNEB (Distt. Thiruvallur) U-2	1200					- Letter of Acceptance for Main Plant Order (EPC) issued to M/s BHEL on 27.06.2008. - Advance released to BHEL on 16.08.08 & 30.03.09. - Letter of Intent (LOI) issued to BHEL on 04.09.2008. BOPs are common for both units. Unit-II: Boiler (M/s UB Engg.): erection started on 31.07.09. Out of 25000 MT materials 7896 MT has been erected upto 04/11. - Boiler drum lifted on 24-03-10. HT: Conducted on 28-03-2011. BLU: Expected in 09/ 2011 Box-up: Expected in 10/ 2011 ESP erection started on 10.08.09. Out of 8914 MT material, 6696 MT erected up to 04/11. - Power house super structure erection is in progress. 8689/9452 MT material fabricated and 6954 MT erected by 02/11. STG deck: TG deck concreting completed. 9402 out of 9829 MT fabricated and 7946 MT erected by 04/11.	
		600	08/11 10/11	11/11	01/12 02/12	03/12		
	Date of Sanction	: 25.06.2008						
	Sanctioning Authority	: Govt. of Tamil Nadu						
	Org. Est. cost	: Rs.271875 Lakh						
	Latest Est. cost	: -						
	Expd. during 2008-09	: Rs 21750 Lakh						
	Expd .during 2009-10	: Rs 42018 Lakh						
	Expd. during 2010-11 (Up to 03/11)	: Rs. 55987 Lakh						
	Type of fuel	: COAL						
	Date of Main Plant Order	: 16.08.2008 (EPC) on M/s BHEL						
	Zero Date	: 16.08.2008						
		Critical Areas	1)Turbine module expected to be dispatched in May, 2011., Supply of turbine module,					

BROAD STATUS OF THERMAL POWER PROJECTS IN ORISSA

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A)/ As now Expected		
			Syn. Comm	COD	Syn. Comm	COD	
	PRIVATE SECTOR						
1.	Sterlite TPP. (M/s Sterlite Energy Ltd.) Distt : J/harsuguda. First Unit (Unit-2) Second unit (Unit-1) Unit-3 Unit-4 Financial Closure : Estimated Cost : Exp. during 2004-05 2005-06 2006-07 2007-08 2008-09 2009-10 Type of fuel : Date of main plant order :	2400 600 600 600 600 Achieved in 12/2008. Rs. 766900 lakhs Rs 228 lakhs Rs. 118 lakhs Rs.60582 lakhs Rs.94771 lakhs Rs.249567 lakhs Rs 94513 lakhs (up to 08/09) Coal 10.05.2006 , EPC contract on M/s Shangdong Electric Power-Corp. (SEPCO-III) –China Boiler Supplier: Harbin Boilers, China TG Supplier: Dong fang, China		 12/08 01/09 03/09 04/09 06/09 07/09 09/09 10/09	 02/09 05/09 08/09 11/09	 <u>08/10(A)</u> <u>10/10(A)</u> <u>12/10(A)</u> <u>12/10(A)</u> <u>06/11</u> <u>07/11</u> <u>11/11</u> <u>12/11</u>	 a) Full 461 acres of land required for plant facility had been acquired, 633 acres of land required for Ash Pond is in advanced stage of acquisition. b) NOC received from Orissa Pollution Control Board on 21.09.2006. MOEF clearance received on 07.12.2007. c) Applied for coal linkage to MOC but allocation not yet received. d) EPC contract awarded to SEPCO-III. Advance of Rs 56300 Lakhs paid for all the 4 units. Contractor had mobilized at site and started pre- construction activities. e) First Unit (Unit-2): Unit synchronized in 08/10 and full load achieved on 14.10.10. f) Second unit (Unit-1):. Unit synchronized on 26.12.10 and full load achieved on 29.12.10 g) Unit-3: Boiler drum lifted on 09.06.2008. HT completed. BLU expected in 05/11. h) Unit-4: Boiler drum lifted on 23.11.2008. HT completed.
	Critical Areas	Land acquisition for ash pond. Development of coal block for unit-2.					

BROAD STATUS OF THERMAL POWER PROJECTS IN WEST BENGAL

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Status
			Original		Actual(A)/As now expected		
			<u>Syn. Com.</u>	COD	<u>Syn. Com.</u>	COD	
II	STATE SECTOR						
1.	Santalidih TPP (West Bengal Power Development Corpn. Ltd.) Distt. Purulia	250					- Boiler erection commenced on 25/04/08 - Boiler drum lifted on 02nd Oct'08. - Boiler hydraulic test is completed on 07.12.09.BLU is completed on 10.05.10.Unit Synchronised on 21.11.10 - TG Box up completed in Aug 2010. - TG rectification work is in progress at Haridwar (BHEL) . - Re- synchronization and full load expected in 06/11.
	Unit-6	250	07/09 08/09	09/09	11/10(A) 07/11	01/11	
	Date of TEC :		Not Required				
	Sanctioning Authority :		State Govt, West Bengal				
	Original Est. Cost :		Rs. 1 00 000 lakhs				
	Latest Est. Cost :		Rs. 1 00 000 lakhs				
	Expnd.Upto Mar'07 :		Rs. 2500 lakhs.				
	Expnd.During 2007-08 :		Rs. 11000 lakhs.				
	During 2008-09 (upto09/08)		Rs. 12000 Lakhs				
	Type of Fuel :		Coal				
	Fuel linkage :		Min.of Coal assured for supply of 1.31 MTPA coal.				
	Date of Main Plant Order :		23rd March'07 on M/s BHEL				
	Power Evacuation		Existing transmission system along with implementation of 220kV Double circuit STPS-Bishnupur transmission line is adequate for evacuation of power.				
	Critical Areas/Reasons for delay	Law & Order problem at site. Inadequate mobilisation of work by electrical erection agency Readiness of ash handling plant. Civil works are lagging behind. Slow erection of coal mills.					

BROAD STATUS OF THERMAL POWER PROJECT IN ASSAM

Sl. No.	Project Details	Capacity (MW)	Commissioning Schedule				Broad Present Status
			Original		Actual/As now expected		
			<u>Syn</u> Com	COD	<u>Syn</u> Com	COD	
	PROJECT UNDER CONSTRUCTION STATE SECTOR						
1.	Lakwa Waste Heat Recovery Project Distt. : Sibsagar Assam Assam Power Generating Company Ltd (APGCL)	37.2					- Gas turbines are in operation. - On-going project relates to installation of Waste Heat Recovery Unit. <u>Status of WHRU is as under</u> - Boiler erection team mobilized at site in Aug’07. Erection of HRSG-I & II commenced on 15th Nov’08 and 07th February’08 respectively. - Drum lifting for HRSG-I & II completed in June’09 and Feb 2009 respectively. - New Sub-contractor of BHEL “ M/s Raj Shekhar Const. Pvt. Ltd started balance civil work . - HRSG-III Erection started and Drum lifting is expected in 3/11. - Hydro Test of HRSG I &II completed in 10/10 and for HRSG III is expected by 3/11. <u>ST</u> - Generator placed on deck on 6.7.10. - Condenser placed in position on 07.11.2009. - ST erection started in 03/10 and boxed up in 9/10. - Oil flushing completed. - Turbine put on barring gear on 7.3.11. Unit is expected to be synchronized by 6/11 with one/two HRSG.
	ST	37.2	<u>04/08</u> <u>05/08</u>	06/08	<u>06/11</u> <u>09/11</u>	10/11	
	Date of TEC		: 12/99				
	Date of sanction		: 01/2001				
	Sanctioning Authority		: State Govt., ASSAM				
	Orig. Approved cost		: R.16110 lakhs				
	Latest Approved cost		Rs. 23640 lakhs (PIB Approval)				
	Expd. during 2006-07		: Rs 4209 Lakhs.				
	Expd. during 2007-08		: Rs. 6801 Lakhs				
	Expd. during 2008-09		: Rs. 5296 Lakhs				
	Expd. during 2009-10		: Rs. 3432 Lakhs				
	Expd. during 2010-11		: Rs. 738 Lakhs				
	Cumulative Expd up to 3/11		: Rs.24640 Lakhs				
	Funding		: Govt.of Assam / PFC				
	Type of Fuel		: Natural Gas				
	Source of Fuel :		: From existing Plant (Waste Reheat Plant)				
	Date of Main Plant Order		: 20.03.06 (EPC contract on M/s BHEL)				
	Power Evacuation		: Through Existing 132 kV Lakwa- Dibrugarh Line				
	CriticalAreas		Labour problem, Readiness of DM /PT plant , Slow progress of civil works				

Sl. No.	PROJECT DETAILS	Cap (MW)	Commissioning Schedule				Broad Status	Critical Areas
			Original		Actual(A) / As now Expected			
			Syn. comm	COD	Syn. comm	COD		
1.	Namrup Replacement Power Project Distt:Dibrugarh (Assam) APGCL	100					- 30 Acres of land required for the project is available. Store sheds/ Roads/ Township/ Misc building exists. Const power/ Water / boundry wall exists.	
	GT	70	<u>10/2011</u> 01/2012	01/2012	<u>01/2012</u> 04/2012	04/2012	- Work of total erection, commissioning, PG Test and all BOPs (ordering and execution) has been allotted to M/s NBPPL (Joint venture of NTPC & BHEL) on nomination basis with approval of APGCL.	
	ST	30	<u>11/2011</u> 01/2012	01/2012	<u>02/2012</u> 05/2012	05/2012	- S/yard civil works awarded by BHE and are under progress.	
	Date of sanction of the project		17.03.2007				- Main plant civil works started in 4/10.	
	Project sanctioning Authority		Govt of Assam				- Piling works are under progress.	
	Date of Investment Approval		17.03.2007					
	Org. Est. cost		Rs 41100 Lakhs					
	Latest cost		Rs 69400 Lakhs					
	Exp. During 2007-08		Rs 23 Lakhs					
	Exp. During 2008-09		Rs 1816 Lakhs					
	Exp. During 2009-10		Rs 1799 Lakhs					
	Exp. During 2010-11 (up to 12/10)		Rs 2159 Lakhs					
	Cumulative Exp up to 12/10		Rs 5797 Lakhs					
	Date of Main Plant Order (LOI)		: 09.02.2009 (EPC) on M/s BHEL					
	Zero date of the project		: 09.02.2009					
	Type of fuel		Natural Gas					
	Fuel Source		Gas supply agreement made with Oil India Limited for 0.66 MMSCMD of natural gas. Gas Transportation agreement with Assam Gas Company Ltd. through existing Gas supply line to NTPS.					
	Power Evacuation		A LILO of about 1 KM will be constructed to connect with the existing Namrup – Tinsukia 220 kV D/C line.					